



Quality Tools for Smart Cleaning



PRODUCT CATALOGUE 2022

2022

PURE WATER SYSTEM

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INNOVATIVE CLEANING SYSTEMS IN RELIABLE PROFESSIONAL QUALITY



For over half a century, **UNGER** has stood for professional cleaning products in more than 80 countries around the world and offers glass and building cleaners clear added value. Every day, our products let you feel how much know-how and innovative technology they contain.

The high demand for professional quality and innovation has always been part of our brand.

Our professional quality makes our tools more effective and more durable. Durability is an essential aspect of sustainability, and with it we take responsibility for our environment.

Our company has been awarded a sustainability rating by EcoVadis and our quality management is ISO 9001 certified. We are also breaking new ground with this brochure: for the first time, it is made of 100% recycled paper and produced with low-pollutant inks and varnishes and low-emission adhesives.

Our understanding of sustainability also means that we rely on long-term partnerships with our specialist dealers. We support you - through the competent expert advice of our field staff and our customer service, through eye-catching sales aids at the point of sale and through attractive and high-quality packaging that scores points both on the shelf and in online sales.

We also do our best online and rely on a continuous exchange with our community - not only via the cleaning blog on our website, but also on the social media platforms Facebook, Instagram, YouTube and LinkedIn.

Here you will find:

- Lively discussion with members of the professional cleaning community.
- Practical product videos
- Tips & tricks for professional cleaning

We are interested in your feedback on our brand presence. Please feel free to write to us at **demailing@ungerglobal.com**. Whether it's criticism or ideas, we look forward to receiving them!

We wish you continued enjoyment and perfect cleaning results with our products and look forward to welcoming you to the **UNGER** community.



WINDOW CLEANING PURE WATER SYSTEM

Cleaning with Pure Water

WHAT IS PURE WATER ?

It's water in its purest form, physically processed to remove the minerals that would otherwise lead to limescale spots and streaks.

Such impurities are referred to as **TDS** (total dissolved solids) and are measured in **ppm** (parts per million).

The water is considered 100 % demineralised (pure) when TDS is 0 ppm.

ADVANTAGES

**EASY:**

Easy to operate and simple resin change.

**FAST:**

Twice as fast as traditional glass cleaning - just one process.

**COST-SAVING:**

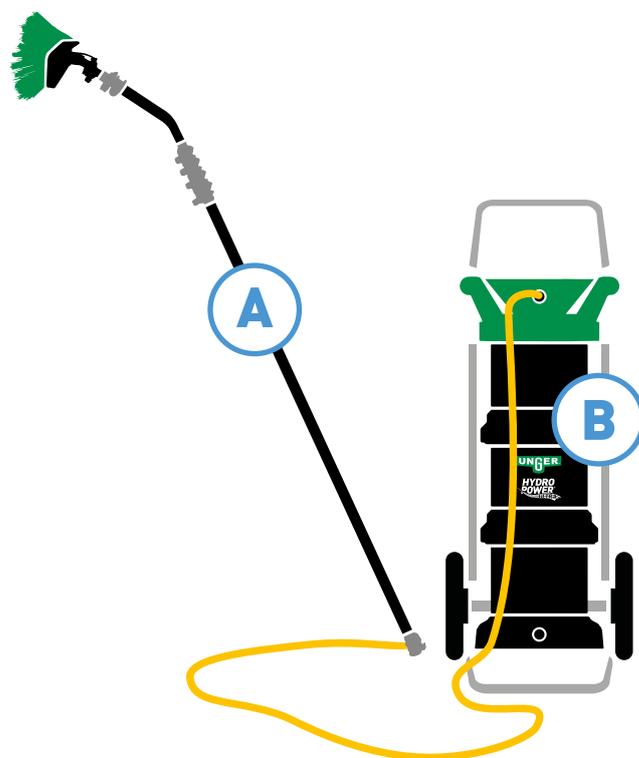
Half the labour costs.
No rental for cherry picker.

**ENVIRONMENTALLY FRIENDLY:**

Glass cleaning completely without chemical cleaning agents.

**SAFE:**

Safe working from the ground up to the 6th floor, with no cherry picker or ladder whatsoever.



WHY USE PURE WATER FOR CLEANING?

Pure water contains phenomenal cleaning power – without using any chemicals whatsoever. One-step cleaning with pure water means there is no need to wipe and polish the glass. The pane dries streak-free and without any deposits. It is twice as quick as with traditional glass cleaning and significantly improves the cost calculations*.

Applied with a water fed pole system, such as **UNGER nLITE®**, pure water is a fast, safe and effective method of cleaning, especially at height.

TYPICAL APPLICATIONS

**WINDOW AND FACADE CLEANING:**

- Fast and effective method – great results!
- Easy access to hard to reach areas

**PV- AND SOLAR PANEL CLEANING:**

- Regular cleaning prevents build up of dirt for greater energy output
- Solar yield can be increased significantly!
- Cleaning with 100 % pure water leaves no streaks or detergent residue

*Prof. Dr. rer.nat. Gerhard Winter, Albstadt-Sigmaringen University, seminar documents February/March 2011

The UNGER Pure Water System

A WATER-FED POLE SYSTEM

p. 6



A technological milestone: The new **nLITE**® system is the best and most advanced telescopic pole system that has ever existed. Ultra-light materials make work considerably easier. The innovative pole shape ensures noticeably more precision. And thanks to the easy handling of the poles and many intelligent product details, pure water cleaning is done faster than ever before.

With the high-quality material classes used, the **nLITE**® system is suitable for every application and every budget and proves to be perfect equipment for every working height - of course with **UNGER** quality "Made in Germany".

B PURE WATER FILTERS

p. 19



DI filter

RO filter

There are 2 recognised methods of pure water production in the window cleaning industry – Reverse Osmosis and Deionisation.

The **UNGER** range includes filters utilising either of these methods - turn to page 21 for more information.

PURE WATER SYSTEM

A WATER FED POLE SYSTEM

nLITE®

A milestone for pure water cleaning: The all new nLITE® waterfed pole system

**THE ALL NEW nLITE®
NOTHING STAYS THE SAME.**

TOP PERFORMANCE THROUGH PROGRESS

Innovation, high quality, and customer-oriented development have always been **UNGER**'s guiding principles. This applies once again to the new generation of the **nLITE®** telescopic pole system:

- German engineering in a timelessly stylish design
- Intelligent solution for faster, more flexible system setup
- Pioneering technologies for more effective cleaning results
- High Quality – Made in Germany

MORE STABLE, HIGHER, MORE PRECISE, WOW!

UNGER has developed its new **nLITE®** telescopic poles to take your performance to new heights.

Maximising refined details and precision while minimising time and effort spent getting organised for your work.

- No twisting: trouble-free work and less wear and tear
- Optimal stability-to-weight ratio
- Greater pole rigidity
- More precise control of the cleaning movement

Discover the best and most advanced telescopic waterfed pole system today:



LIGHTER, MORE PRECISE, FASTER



SMARTLOCK CLAMPS

- Easy and quick to close with just one finger
- Robust 2C material
- Clamp mechanism that protects the carbon material and ensures a long service life for the pole
- Extension stop prevents pulling out pole elements too far



INTEGRATED HOSE MANAGEMENT

- Internal routing of the highly flexible Duro-Flex hose in the telescopic pole for trouble-free work on windows and facades
- Complete flexibility: external routing possible thanks to optional **nLITE®** clips



PRECISIONGRIP POLE FORM

- Innovative, unique pole shape, with contact surfaces optimally adapted to the shape of your hand.
- For ergonomic working and making best use of your strength
- More precise control of the cleaning movement and high force transmission
- Uninterrupted work due to non-twisting pole



HIGH-END CARBON MATERIALS

Ultra-lightweight. Extremely durable.

- CARBON COMPOSITE: High quality mix of carbon and glass fibres



- CARBON 24K: Premium carbon fibres in a unique weave of 24,000 fibres per bundle



PURE WATER SYSTEM



Quality Tools for Smart Cleaning

A WATER FED POLE SYSTEM



Extendable carbon 24K poles:



A POWER BRUSH AND ANGLE ADAPTER

Innovative modular system that makes a difference because it offers almost limitless application options.



B TELESCOPIC MAIN POLE

6-sections main telescopic pole. Carbon 24K can be extended with up to 2 extension poles.



NLHCC

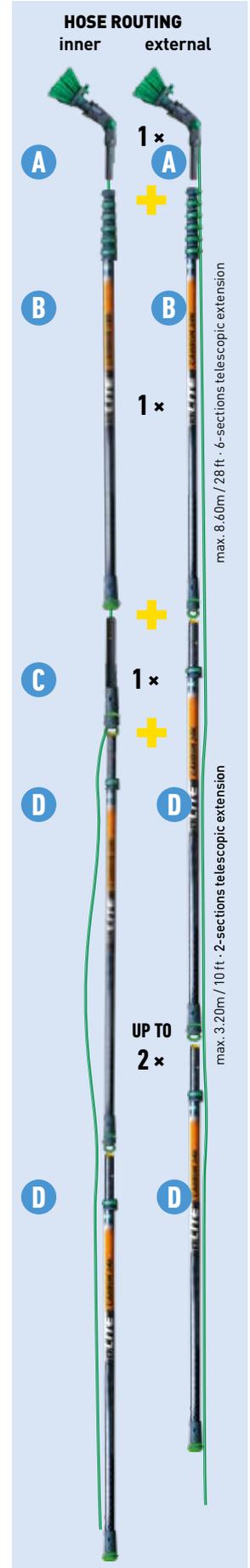
C EXTENSION ADAPTER

Connects the first telescopic extension pole to the telescopic main pole with internal hose routing.



D TELESCOPIC EXTENSION POLE

2-sections telescopic extension pole. With Carbon 24K, up to 2 extension poles can be used.



CF86G

CF33G

PURE WATER SYSTEM

A WATER FED POLE SYSTEM



Unprecedented dimensions in window cleaning

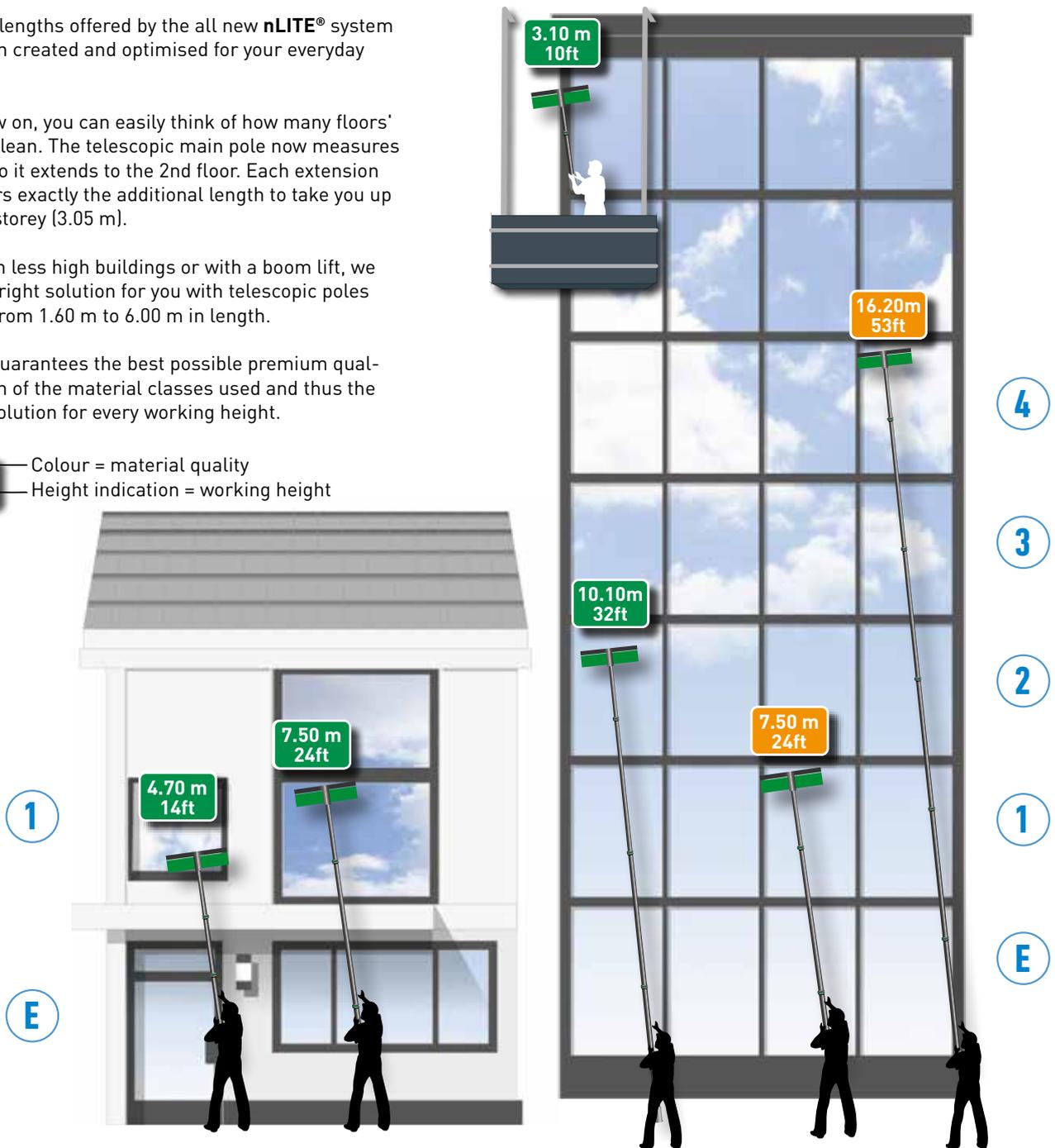
The pole lengths offered by the all new nLITE® system have been created and optimised for your everyday work.

From now on, you can easily think of how many floors' you can clean. The telescopic main pole now measures 8.60 m, so it extends to the 2nd floor. Each extension pole offers exactly the additional length to take you up another storey (3.05 m).

For use in less high buildings or with a boom lift, we have the right solution for you with telescopic poles ranging from 1.60 m to 6.00 m in length.

UNGER guarantees the best possible premium quality in each of the material classes used and thus the perfect solution for every working height.

4.70 m 14ft — Colour = material quality
 16.20 m 53ft — Height indication = working height



| Part number | CC32T | CC60T | CC16T | CC85T | CF60T | CF86G + 2x CF33G |
|-------------------|--------------|------------|-----------|------------|------------|------------------|
| Pole elements | 2 | 4 | 2 | 6 | 4 | 6 + 2 x 2 |
| Total pole length | 3.20m/10ft | 6.00m/20ft | 1.60m/5ft | 6.00m/20ft | 8.60m/28ft | 14.70m/48ft |
| Recommended for | Ground floor | 1st floor | Boom lift | 2nd floor | 1st floor | 4th floor |

CARBON COMPOSITE

MATERIAL STRENGTH: 100 GPa

CARBON 24k

MATERIAL STRENGTH: 210 GPa

PURE WATER SYSTEM

A WATER FED POLE SYSTEM



Quality Tools for Smart Cleaning



CARBON 24k



nLITE® CARBON 24K TELESCOPIC POLE

Telescopic pole for medium heights.

- Recommended for working heights of up to **16m / 53ft** (approx. 4 floors)
- CF60T: Telescopic pole, **not extendable**
- CF86G: Telescopic main pole 2x extendable with telescopic extension pole CF33G
- Resilience: **210 GPa***

| Part No. | Info | Extended | Collapsed | Sections | Weight | Extendable | Pack |
|----------|---------------------------|------------|-------------|----------|---------|------------|------|
| CF60T | Telescopic pole | 6.00m/20ft | 1.70m/5.5ft | 4 | 1.16 kg | -- | 1 |
| CF86G | Telescopic main pole | 8.60m/28ft | 1.70m/5.5ft | 6 | 1.84 kg | 2x CF33G | 1 |
| CF33G | Telescopic extension pole | 3.20m/10ft | 1.80m/6ft | 2 | 0.82 kg | 1x CF33G | 1 |



nLITE® CARBON 24K COMPLETE POLE

NEW

Content:

- CF86G Telescopic main pole, 6 sections, 8.60 m / 28 ft
- CF33G Telescopic extension pole, 2 sections, 3.20 m / 10ft
- NLHCC Extension adapter
- NGS30 Angle adapter kit M, 42 cm / 17 in
- NEW:** NFK28 Power brush complete, 28 cm / 11 in
- NEW:** DLS25 DuroFlex hose 25m / 82 ft Ø 5/8mm

Part No.

CF12H

Length
38 ft

Pack

1

CARBON COMPOSITE



nLITE® CARBON COMPOSITE TELESCOPIC POLE

Telescopic pole for small to medium heights.

- Recommended for working heights of up to **10m / 32ft** (approx. 2 floors)
- Telescopic poles, **not extendable**
- Resilience: **100 GPa***

| Part No. | Info | Extended | Collapsed | Sections | Weight | Extendable | Pack |
|----------|-----------------|------------|-------------|----------|---------|------------|------|
| CC16T | Telescopic pole | 1.60m/5ft | 0.90m/3ft | 2 | 0.46 kg | -- | 1 |
| CC32T | Telescopic pole | 3.20m/6ft | 1.70m/5.5ft | 2 | 0.70 kg | -- | 1 |
| CC60T | Telescopic pole | 6.00m/20ft | 1.70m/5.5ft | 4 | 1.41 kg | -- | 1 |
| CC85T | Telescopic pole | 8.60m/28ft | 1.70m/5.5ft | 6 | 2.20 kg | -- | 1 |



nLITE® CARBON COMPOSITE COMPLETE POLE

NEW

Content:

- CC85T Telescopic pole, 6 sections, 8.60 m / 28 ft
- NGS15 Angle adapter kit S, 15 cm / 6 in
- NFF28 Power brush simple, 28 cm / 11 in
- NEW:** DLS25 DuroFlex hose 25m / 82 ft Ø 5/8mm

Part No.

CC85H

Length
28 ft

Pack

1

*GPa (Gigapascal) is a unit of measure of material strength.

A WATER FED POLE SYSTEM

ANGLE ADAPTER

nLITE®

Modular angle adapter system: Clean hard-to-reach places

Another clever feature of the new nLITE® pole system is the modular angle system, in which you can combine four individual elements in any number of variants in order to easily reach places that are difficult to access. Whether conservatories or overhanging façade elements, this system gives you the perfect angle for every application.



FAST LOCK

With a single click: simple, fast, and stable connection for every work situation:

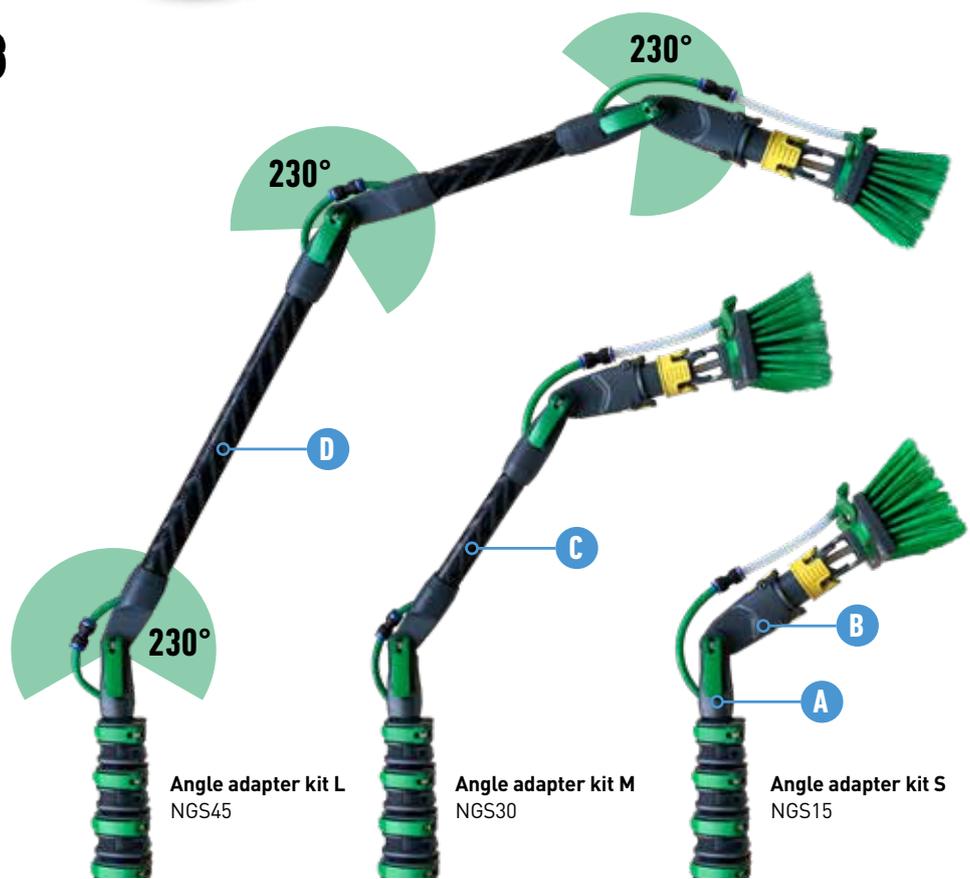
- Change brushes in seconds
- Adjust brush angle in 45° stages
- No twisting when cleaning!

ANGLE ADAPTER KITS

Choose from three pre-configured angle adapter kits:

Simply adapt the modular angle adapter individually to your application

- A** Pole adapter
- B** Brush adapter
- C** Angle element short
- D** Angle element long



Angle adapter kit L
NGS45

Angle adapter kit M
NGS30

Angle adapter kit S
NGS15

ANGLE ADAPTER KITS/ACCESSORIES



nLITE® ANGLE ADAPTER KITS

For nLITE® CarbonComposite and Carbon 24K telescopic poles.

| Part No. | Info | Length | Pack |
|----------|---------------------|---------------|------|
| NGS15 | Angle adapter kit S | 15 cm / 6 in | 1 |
| NGS30 | Angle adapter kit M | 42 cm / 17 in | 1 |
| NGS45 | Angle adapter kit L | 82 cm / 32 in | 1 |

Not compatible with nLite® Connect poles.



nLITE® POLE ACCESSORIES

| Part No. | Info | Length / Ø | Pack |
|----------|--------------------------------|---------------|-------|
| NLHCC | Extension adapter | 40 cm / 16 in | 1 |
| NLHKP | 6 clips for outer hose routing | | 1 Set |



nLITE® HOSES & ACCESSORIES

| Part No. | Info | Ø | Pack |
|----------|---|-----------|------|
| DLS25 | DuroFlex hose 25m / 82 ft | Ø 5/8 mm | 1 |
| DLH25 | DuroFlex High Performance hose 25m/82ft | Ø 7/10 mm | 1 |
| NLWVI | Water flow regulator for DLS25 | Ø 5/8 mm | 1 |
| 22812 | Water flow regulator for DLH25 | Ø 7/10 mm | 1 |

NEW



nLITE® THREAD ADAPTER

Thread adapters for attaching brushes and tools on the new nLITE® telescopic poles

| Part No. | Products | Pack |
|----------|------------------------------------|------|
| NLTHR | Euro thread adapter for brushes | 1 |
| NLCLA | Adapter for classic cleaning tools | 1 |

NEW



Example Content is not included.

nLITE® TRANSPORTATION BAG

Solid nylon carrying bag* for new nLITE® water-fed poles and brushes.

- Comfortable and easy to transport with a handle or adjustable shoulder strap
- Offers space for up to 5 poles, 2 brushes, 1 hose, 1 angle adapter, 1 extension adapter + two easy-to-reach outer pockets for accessories

| Part No. | Pack |
|----------|------|
| NLBAG | 1 |

* not compatible with the nLite Connect system



nLITE® HOSE ROUTING:

Inner hose routing



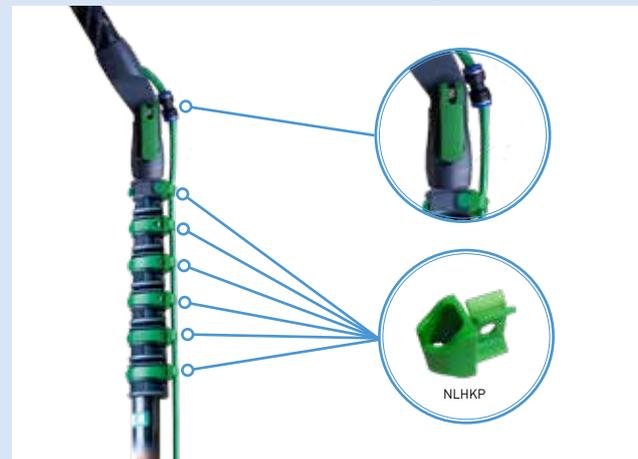
Insert the hose at the bottom of the pole, lead it out at the top, through the angle adapter and connect it there with the quick connector.

When extending the main pole



1. Insert extension adapter (NLHCC) at the end of the telescopic pole (CF8&6 only), hose is led out to the side.
2. Insert the extension pole (CF33G) into the NLHCC adapter. Protective cap is open for pole connection.

External hose routing



Fit hose clips NLHKP into the clips of the nLITE telescopic pole. Guide the hose through the clips on the outside of the pole and connect it to the angle adapter using the quick connector on the angle adapter.

A WATER FED POLE SYSTEM

POWER BRUSH

nLITE[®]

On Top: Swivel function and Power bristle technology

Outstanding down to the last detail: a fully optimized brush concept prepares you for almost any challenge.

- Clever water distribution system
- Innovative bristle technology
- Precision cleaning down to the last corner
- Ultimate cleaning performance for perfect results



POWER BRISTLE TECHNOLOGY

- A** Inner bristles with extremely high cleaning performance, comparable to natural hair bristles
- B** Longer outer bristles for easy gliding: no more annoying jumping of the brush



SOFT TOUCH BUMPER

The edge protection made of soft plastic:

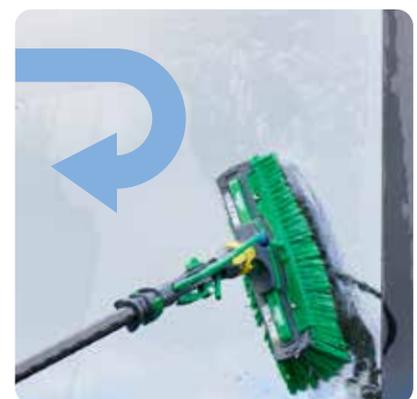
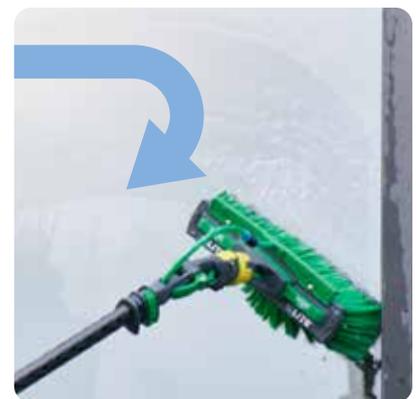
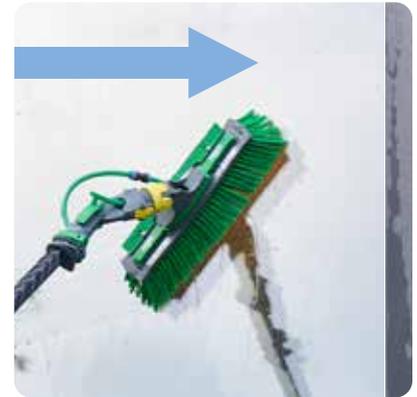
- Safe protection against scratches and other damage to window frames
- Significant noise reduction when coming into contact with parts of the building



RINSE BAR

This special flushing nozzle bar is attached above the brush and delivers the right amount of pure water exactly where it is needed for powerful rinsing of the cleaned surface - surface - more effective than ever before!

- Ideal in connection with the swivel function
- Water jets from the nozzle block built into the middle of the brush ensure powerful dirt removal
- Either the rinse bar or the central nozzle block can be connected



SWIVEL LOCK

You've never cleaned faster and more precisely down to the last corner: the swivel function is a completely new way of cleaning with pure water up to the first floor (6 m). Open the SwivelLock and experience the advantages:

- The brush socked, which can be swivelled freely through 180°, enables the surface to be cleaned with an S movement with the brush touching down over the entire surface
- Enlarges the work area, ideal for cleaning from boom lifts or gondolas



Brushes for nLITE® CarbonComposite-, Carbon 24K- and nLite®Connect- telescopic pole systems



nLITE® POWER BRUSH, SPLICED

Strong cleaning performance and perfect gliding performance.

Recommended for maintenance cleaning

- With Power Bristle technology
- Nozzle block integrated in the middle of the brush for powerful dirt removal
- NFK: With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

| Part No. | Size | Version | Pack |
|----------|---------------|-----------------------------|------|
| NFK28 | 28 cm / 11 in | with rinse bar + swivel loc | 1 |
| NFK41 | 41 cm / 16 in | with rinse bar + swivel loc | 1 |
| NFF28 | 28 cm / 11 in | simple | 1 |
| NFF41 | 41 cm / 16 in | simple | 1 |



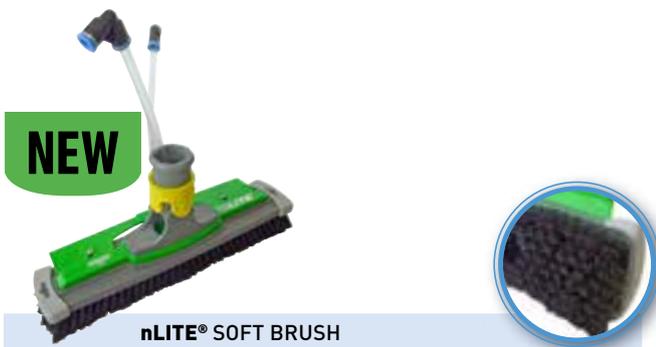
nLITE® POWER BRUSH, UNSPLICED

Very good cleaning performance. Optimal flushing of the bristles with almost no residue.

Recommended for maintenance and solar cleaning.

- With Power Bristle technology
- Nozzle block integrated in the middle of the brush for powerful dirt removal
- NUK: With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

| Part No. | Size | Version | Pack |
|----------|---------------|-----------------------------|------|
| NUK28 | 28 cm / 11 in | with rinse bar + swivel loc | 1 |
| NUK41 | 41 cm / 16 in | with rinse bar + swivel loc | 1 |
| NUF28 | 28 cm / 11 in | simple | 1 |
| NUF41 | 41 cm / 16 in | simple | 1 |



nLITE® SOFT BRUSH

Gentle surface cleaning. Reduces risk of damage to sensitive surfaces.

- Thin bristles with high flexibility
- Short bristles in high density for stable fibre layout
- Nozzle block integrated in the middle of the brush for powerful dirt removal
- With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

| Part No. | Size | Bristles | Pack |
|----------|---------------|-------------------------|------|
| NFS28 | 28 cm / 11 in | synthetic, 2.5cm / 1 in | 1 |
| NFS41 | 41 cm / 16 in | synthetic, 2.5cm / 1 in | 1 |



nLITE® HYBRID BRUSH

Extremely powerful cleaning performance. Easier glide and less weight than full natural hair brushes. Recommended for maintenance cleaning and solar cleaning.

- Outside boar bristles - high cleaning power of the folded bristles, no streaks
- Inside bristles with Power Bristle Technology - very high scrubbing power - easy glide - low water absorption
- With a special rinse nozzle strip above the brush for powerful rinsing
- Including hoses with quick connectors

| Part No. | Size | Bristles | Pack |
|----------|---------------|------------------------|------|
| NUH28 | 28 cm / 11 in | Natural bristles+Power | 1 |
| NUH41 | 41 cm / 16 in | Natural bristles+Power | 1 |

i TIPS FOR USING THE nLITE® SOFT BRUSH:

- 1. Test the brush on the surface!**
Test the brush on a concealed area before using it over a wide area. On surfaces that are sensitive to scratches, undesirable permanent signs of use may occur despite the gentle surface cleaning.
- 2. Use plenty of water!**
A film of water forms which makes the brush glide better. Furthermore, the brush is rinsed well so that less dirt gets stuck in the bristles and scratches are prevented.
- 3. Pay attention to the cleanliness of the bristles!**
There should be no particles in the bristles, as this can lead to scratches.



ATTENTION: Some surfaces are easily scratched. Always test brushes prior to use.

A WATER FED POLE SYSTEM

nLITE® BRUSHES



Quality Tools for Smart Cleaning

BRUSH OVERVIEW for nLITE® telescopic pole system - also compatible with nLite® Connect telescopic pole system

| | | WEIGHT | | WIDTH | | | BRISTLES | | | FEATURES | | | APPLICATION | | | |
|--|-------------------------------|----------------|--------|---------------|----------------------------|-----------|-----------------------|--------------------------------|---------------------------|--------------|----------------|---------------------|-------------------------|-----------------------|-------|--|
| | | Brush complete | | | | Material | spliced/ unspliced | Length (outside/ inside) | Centre nozzle block | Rinse Bar | Swivel Lock | Initial cleaning | Maintenance cleaning | Sensitive surfaces | Solar | |
|  | nLITE® POWER SPLICED | NFK28 | 346 g | 28 cm / 11 in | Power-Technology | spliced | 55 mm/ 40 mm | ✓ | ✓ | ✓ | | ✓ | | | | |
| | | NFK41 | 488 g | 41 cm / 16 in | | | | | | | | | | | | |
|  | nLITE® POWER SPLICED | NFF28 | 290 g | 28 cm / 11 in | Power-Technology | spliced | 55 mm/ 40 mm | ✓ | | | | ✓ | | | | |
| | | NFF41 | 399 g | 41 cm / 16 in | | | | | | | | | | | | |
|  | nLITE® POWER UNSPLICED | NUK28 | 356 g | 28 cm / 11 in | Power-Technology | unspliced | 55 mm/ 40 mm | ✓ | ✓ | ✓ | | ✓ | | ✓ | | |
| | | NUK41 | 491 g | 41 cm / 16 in | | | | | | | | | | | | |
|  | nLITE® POWER UNSPLICED | NUF28 | 294 g | 28 cm / 11 in | Power-Technology | unspliced | 55 mm/ 40 mm | ✓ | | | | ✓ | | ✓ | | |
| | | NUF41 | 402 g | 41 cm / 16 in | | | | | | | | | | | | |
|  | nLITE® SOFT | NFS28 | 320 g | 28 cm / 11 in | thin synthetic bristles | unspliced | 25 mm | ✓ | ✓ | ✓ | | | ✓ | | | |
| | | NFS41 | 440 g | 41 cm / 16 in | | | | | | | | | | | | |
|  | nLITE® HYBRID | NUH28 | 333 g* | 28 cm / 11 in | Boar + Power | unspliced | 45 mm/ 30 mm | ✓ | ✓ | ✓ | ✓ | | | ✓ | | |
| | | NUH41 | 460 g* | 41 cm / 16 in | | | | | | | | | | | | |



nLITE® BRUSH COMPATIBILITY:

nLITE® Carbon Composite or Carbon 24K telescopic pole



Used Hose: DLS25

Required adapter: NGS15 / NGS30 / NGS 45 (nLITE® angle adapter)

nLite® Connect telescopic pole with MultiLink angle adapter



Used Hose: NL11G / NL20G / NL25G

Required adapter: FTTHR (thread adapter, included with every nLite® Connect pole) + FTG05 MultiLink angle adapter

PURE WATER SYSTEM

A WATER FED POLE SYSTEM



The Master and Extension Pole System, combining telescopic and modular designs: **nLite® Connect**.

FULL FLEXIBILITY

Modular construction allows you to add on or remove Extension Poles to create telescopic poles in different lengths for cleaning at various heights.

35 MM DIAMETER

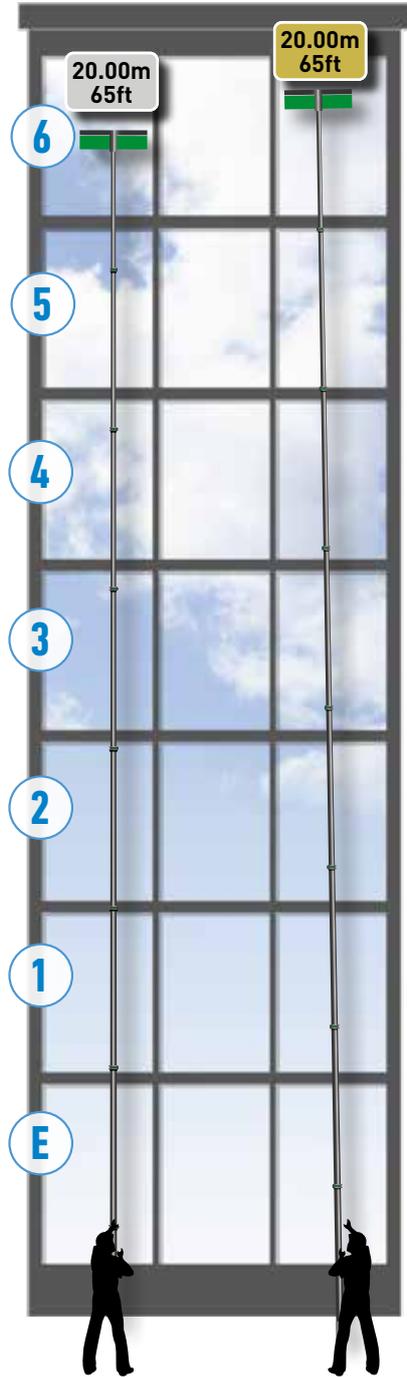
Diameter of the **nLite® Connect** pole you are holding will never exceed 35 mm, irrespective of the number of Extension Poles.

YELLOW VISUAL WARNING AREA

The top of the Extension Pole helps to avoid unintentional separation.

DURABLE PLASTIC ENDCAP

Prevents accidental damage to the end of the pole and features a side aperture for the hose exit when used inside the pole.



| | | |
|-------------------|------------------|------------------|
| Part number | UC67G + 4x UC35G | UH67G + 4x UH35G |
| Pole elements | 4 + 4 x 2 | 4 + 4 x 2 |
| Total pole length | 19.50 m / 64 ft | 19.50 m / 64 ft |
| Recommended for | 6th floor | 6th floor |

HiMod CARBON

MATERIAL STRENGTH: 360 GPa

Ultra HiMod CARBON

MATERIAL STRENGTH: 760 GPa

A WATER FED POLE SYSTEM



Ultra HiMod CARBON



nLite® Connect ULTRA HIMOD CARBON TELESCOPIC POLE

Telescopic Master Pole. The ultimate in rigidity, superlight pole.
Incl. Thread Adapter and Endcap. Ultimate material strength: 760 GPa*

| Part No. | Info | Extended | Collapsed | Sections | Weight | Pack |
|----------|---------------------------|------------|-------------|----------|--------|------|
| UH67G | Telescopic main pole | 6.63m/22ft | 1.87m/6ft | 4 | 1.5 kg | 1 |
| UH35G | Telescopic extension pole | 3.41m/11ft | 1.91m/6.5ft | 2 | 0.7 kg | 1 |

HiMod CARBON



nLite® Connect HIMOD CARBON TELESCOPIC POLE

Telescopic Master Pole. The best in rigidity, superlight pole.
Incl. Thread Adapter and Endcap. Ultimate material strength: 360 GPa*

| Part No. | Info | Extended | Collapsed | Sections | Weight | Pack |
|----------|---------------------------|------------|-------------|----------|--------|------|
| UC67G | Telescopic main pole | 6.63m/22ft | 1.87m/6ft | 4 | 1.5 kg | 1 |
| UC35G | Telescopic extension pole | 3.41m/11ft | 1.91m/6.5ft | 2 | 0.7 kg | 1 |

Aluminum



nLite® Connect ALUMINIUM TELESCOPIC POLE

Telescopic Master Pole. Excellent rigidity thanks to modern construction technology.
Incl. Thread Adapter and Endcap. Ultimate material strength: 30 GPa*

| Part No. | Info | Extended | Collapsed | Sections | Weight | Pack |
|----------|---------------------------|------------|--------------|----------|--------|------|
| AN60G | Telescopic main pole | 6.00m/20ft | 1.71m/5.5ft | 4 | 2.0 kg | 1 |
| AN45G | Telescopic main pole | 4.50m/14ft | 1.34m/4ft | 4 | 1.6 kg | 1 |
| AN30G | Telescopic extension pole | 3.00m/10ft | 1.69 m/5.5ft | 2 | 1.1 kg | 1 |

nLite® Connect GOOSENECKS

For attaching the brushes to **UNGER nLite® Connect** Water Fed Poles.



nLite® MULTILINK GOOSENECKS

Superlight carbon fibre goosenecks.
- Use individually or combine 2 or more to achieve any angle
- NLG20 and NLG30 include nLite® Thread Adapter for attaching the brush
- NLG15 includes adjustable plastic angle adapter

| Part No. | Size | Weight | Material | Pack |
|----------|----------------|--------|----------|------|
| NLG20 | 20 cm / 8 in | 130 g | Carbon | 1 |
| NLG30 | 30 cm / 12 in | 140 g | Carbon | 1 |
| NLG15 | 150 cm / 59 in | 390 g | Hybrid | 1 |

HiFlo MultiLink ADAPTER

Plastic angle adapter with screw adjustment.
- Simple to adjust
- Robust
- Compatible with all nLite Connect & HiFlo Brushes

| Part No. | Pack |
|----------|------|
| FTG05 | 1 |

A WATER FED POLE SYSTEM

GOOSENECKS / ACCESSORIES



nLite® Connect ACCESSORIES



nLite® Connect HOSE EXTENSION KIT

Adapters for connection of 2 hoses into one.
 - Includes 2 x Hose End Pieces, 1 x Quick Connector
 - Insert the Hose End Pieces into each hose and connect using the Quick Connector

| Part No. | Pack |
|----------|------|
| NLQUI | 1 |



nLite® Connect TOOL ADAPTER

Plastic adapter for attaching tools on nLite® Connect poles.
 - Locking cone adapter for attaching traditional window cleaning tools

| Part No. | Pack |
|----------|------|
| HFNLC | 1 |



nLite® Connect THREAD ADAPTER

Thread adapter for attaching brushes on the nLite® Connect pole

| Part No. | Pack |
|----------|------|
| FTTHR | 1 |



nLite® Connect BAG

For storage, protection and transportation of a complete nLite® Kit.
 - Made from solid nylon material
 - Can be carried in hand or over shoulder
 - Fits 5 or more poles, 2 brushes, 1 gooseneck, 1 hose
 - Pocket for spare jets and small pieces

| Part No. | Pack |
|----------|------|
| NLBA1 | 1 |



nLite® HOSE

Durable hose for water supply from water filter to the Brush.
 - Complete with standard hose connector for water supply
 - NLH25 high performance hose for RO-filter including connector for connection kit NLHPA

| Part No. | Length | Ø Inner/Outer | Pack |
|----------|--------------|---------------|------|
| NL11G | 11 m / 36 ft | 5/8 mm | 1 |
| NL20G | 20 m / 65 ft | 5/8 mm | 1 |
| NL25G | 25 m / 82 ft | 5/8 mm | 1 |
| NLH25 | 25 m / 82 ft | 8/10 mm | 1 |



Universal Hooks & Loops Straps for Ø 20-70 mm poles



nLite® Clips for Ø 35 mm poles

HiFlo Control

The On/Off Switch for instant water flow control at the pole.
 - Fits onto the base sections of the pole
 - Hose fits inside the switch, under the lever
 - Adjust or shut off the water flow competely with one quick lever motion
 - Fits any poles Ø 20-70mm
 - Fits hoses external Ø 8 and 9mm

| Part No. | Info | Pack |
|----------|---|------|
| TMOOV | Complete with nLite® Clips + Hooks & Loops Straps | 1 |

BRUSHES for nLite® Connect telescopic pole system

| | | | WEIGHT | | SIZE | BRUSH BODY | | | BRISTLES | | | JETS | | | |
|--|--|--------|------------|--------------------|-------------------------------|---------------------------------------|--------|----------|--------------------------------------|-----------|---------------|----------|----------|--------------|--------------|
| | | | Brush only | Incl. adapter/jets | | Material | Format | Jet Pos. | Material | Soft/Hard | Length | Flexible | Material | | Fan & Pencil |
| | nLite® BOAR BRISTLE BRUSH¹ | NLE27 | 359 g* | 403 g* | 27 cm / 11 in | Plastic porous core smooth solid skin | | 4 | Natural boars bristle | Soft | 8 cm / 3 in* | ✓ | Plastic | Fan & Pencil | — |
| | NLE40 | 466 g* | 510 g* | 40 cm / 16 in | | | | | | | | | | | |
| | nLite® RADIUS BRUSH | NLR27 | 364 g | 408 g | 27 cm / 11 in | Plastic porous core smooth solid skin | | 4 | Solvent resistant synthetic bristles | Medium | 7.5 cm / 3 in | ✓ | Plastic | Fan & Pencil | — |
| | NLR40 | 535 g | 579 g | 40 cm / 16 in | 8.5 cm / 3 in | | | | | | | | | | |
| | nLite® SOLAR RADIUS BRUSH | NL27Y | 364 g | 408 g | 27 cm / 11 in | Plastic porous core smooth solid skin | | 4 | Solvent resistant synthetic bristles | Medium | 7.5 cm / 3 in | ✓ | Plastic | Fan & Pencil | — |
| | NL40Y | 535 g | 579 g | 40 cm / 16 in | 8.5 cm / 3 in | | | | | | | | | | |
| | HiFlo OVAL BRUSH¹ | FT027 | - | 450 g / 690 g | 27 cm / 11 in / 40 cm / 16 in | Solid plastic | | 2 | Synthetic bristles | Soft | 5cm / 2 in | - | Brass | Pencil | — |

¹ While stocks last

* app. 10 % tolerance deviation possible with natural bristles

ATTENTION: Some surfaces are easily scratched. Always test brushes prior to use.



nLite® Connect BRUSH CONNECTION KIT

Connects two jets to the brush.

- NLHPC (5mm hose): 2 hose pieces (each app. 29 cm / 12 in) + 1 T-piece
- T-piece spare part: Part No. 14954
- NLHPA (8mm hose): for use with NLH25 and R040C

| Part No. | Product | Pack |
|----------|---|------|
| NLHPC | Jets connection kit 5 mm | 1 |
| NLHPA | Jets connection kit 8 mm (high performance) | 1 |
| 20478 | Quick connector Y-piece 8 mm > 2x 6 mm | 1 |
| 17176 | Plug nipple 6 mm | 1 |
| 20476 | Plug nipple 8 mm | 1 |



nLITE® THREAD ADAPTER

NEW

Thread adapter for attaching brushes with Euro thread (e.g. nLite® Connect and HiFlo brushes) on the new nLITE® telescopic poles.

| Part No. | Pack |
|----------|------|
| NLTHR | 1 |



nLite® Connect JETS

Interchangeable, quick release Jets for nLite® Connect Brushes.

- Fan Jets for hydrophobic glass
- Pencil Jets for hydrophilic glass
- Mix and match depending on type of surface you clean

| Part No. | Info | Pack |
|----------|----------------|-------|
| NLBJF | 1 Set = 2 Jets | 1 Set |
| NLBJP | 1 Set = 2 Jets | 1 Set |

5 mm hose

2 JETS

Included with brush
1 x NLBJP: 2 Pencil Jets
1 x NLHPC: Hose Kit

8 mm high performance hose

Included with brush
1 x NLBJP: 2 Pencil Jets

Extra parts required:
1 x NLHPA: Hose Kit

4 JETS

Extra parts required:
1 Set of jets
2 x NLHPC Hose Kit

Extra parts required:
1 Set of jets
2 x Hose Kit:
1 x NLHPC
1 x NLHPA

6 JETS

Extra parts required:
2 Sets of jets
4 x NLHPC: Hose Kit

Extra parts required:
2 Sets of jets
4 x Hose Kit
3x NLHPC
1x NLHPA

★ **GOOD**
Basic version

★★ **BETTER**
Standard version

★★★ **BEST**
Bestseller

★★★ **PREMIUM**
Top of the range product



Choosing Your Filter System

There are 2 recognised methods of pure water production in the window cleaning industry – **Reverse Osmosis** and **Deionisation**.

The **UNGER** range includes filters utilising either of these methods. This page will help you to decide which method suits your cleaning requirements best and will deliver the highest return on your investment.

HYDRO POWER® ULTRA DEIONISATION FILTER (DI)

p. 20



These filters utilise ion exchange resin which removes ionised salts and impurities from water, producing 100 % deionised pure water, with no waste water.

Though DI filters require a relatively low initial investment when compared to RO, frequent replacement of old resin with new is necessary for 100 % pure water production.

Mobile design and portability, with no need for power or pumps, our DI filters can be easily set up anywhere – all you need is a tap water supply.

RECOMMENDED FOR:

- Areas with soft or medium water hardness level
- Small size filters are ideal for cleaning small to moderate size areas, as well as an entry level solution for professional cleaning
- Large sizes – for frequent cleaning of large areas
- Use as final stage of water purification process, after RO membrane, to achieve 100 % pure water

HYDRO POWER® REVERSE OSMOSIS FILTER (RO)

p. 26



The **UNGER RO** utilizes 3 stage water purification system.

First, the combi-pre-filter captures chlorine and sediments from the incoming water, then the water is directed towards 2 RO membranes which remove up to 98 % of dissolved minerals and contaminants.

At this point, the water flow is split into waste water (concentrate) that requires drainage facility and pure water which is directed to DI Polisher where any remaining impurities are filtered by ion exchange resin to produce 100 % pure water.

RECOMMENDED FOR:

- Areas with hard or very hard water level
- Constant, high volume pure water production

B PURE WATER FILTERS

HYDRO POWER® ULTRA FILTER

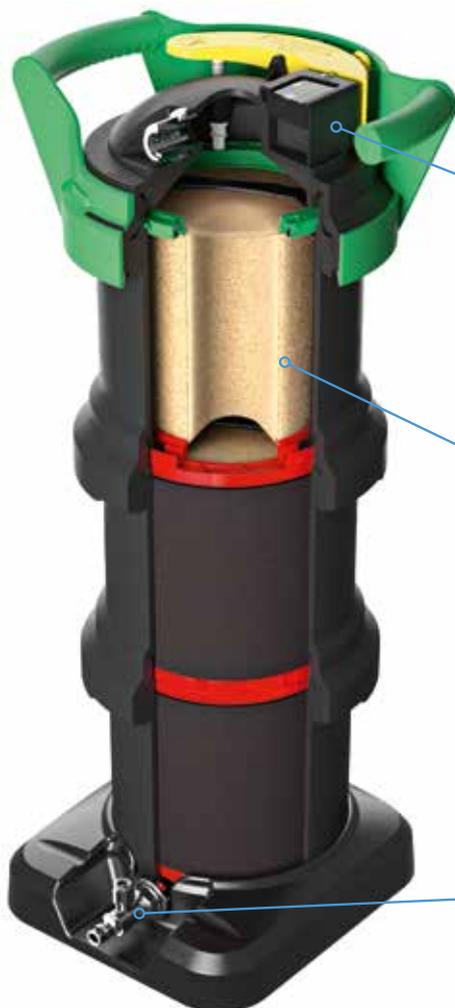
THE HYDRO POWER® ULTRA SYSTEM

The Most Efficient DI Pure Water System Ever! Performance at the highest level:

The **UNGER HydroPower®** Ultra is setting a new standard in deionising filter technology for pure water cleaning. A definite value-add for every professional glass and building cleaner.

OVER 30%* MORE PURE WATER PER RESIN FILLING

- Every Ultra resin pack contains a pre-portioned amount of **UNGER** premium ion-exchange resin with a **new formula, perfected for glass cleaning**
- The **FloWater technology 2.0** in every Ultra resin pack ensures an efficient flow of water through the whole tank which optimises the **resin saturation**
- Intuitive colour coded system + KeyLock function eliminates risk of operating errors



Ultra Resin Packs



Premium Ultra Resin
Perfected ion exchange resin, as required for cleaning glass



TDS-METER



ULTRA RESIN PACKS



WATER CONNECTIONS



*In comparison with standard DI systems (e.g. **UNGER HydroPower®** DI filters). Source: test results from the independent testing laboratory Miontec GmbH, 2019.

SIMPLE AND EFFECTIVE HANDLING



TDS-Meter

- Integrated digital measuring device displays the water hardness of the pure water coming out in ppm
- At a TDS value >10ppm the Ultra Resin Packs have to be changed



Easily removable cover

- Quick and easy changeover
- Ultra resin packs can be changed as easily as a coffee pad in a coffee machine



FastLock quick-fit fastener

- Easy to open and close the tank
- Safe, self-locking mechanism with pressure-relief valve



High-quality metal connections

- Stable quick-fit metal hose connector
- Reliable quick release connectors, suitable for most hosesock type fittings commonly used on most water fed poles
- Practical shut-off valve prevents leakage during transport

Choose from 2 filter sizes depending on the volume of pure water required and frequency of use to maximise your return on investment. All 3 versions are supplied complete with **Ultra Resin Packs** and integrated **TDS meter** to monitor the outgoing water hardness.



DIUH1
HydroPower® Ultra S

DIUH2
HydroPower® Ultra L

DIUH3
HydroPower® Ultra LC

FILTER OUTPUT

In particular the water hardness and the hydrogen carbonate content of the input water have a strong influence on the amount of pure water. The following values correspond to the output of **UNGER HydroPower® Ultra** with *average tap water*:

HydroPower Ultra S (DIUH1)



| Factor | Value |
|---------------------------------------|----------------------------|
| Resin fill | 1 × 6 l |
| Pure water quantity per resin filling | 710 l |
| Working hours* | approx. 6 h |
| Coverage in m ² ** | approx. 600 m ² |

HydroPower Ultra L (DIUH2)



| Factor | Value |
|---------------------------------------|------------------------------|
| Resin fill | 3 × 6 l |
| Pure water quantity per resin filling | 2,450 l |
| Working hours* | approx. 20 h |
| Coverage in m ² ** | approx. 2,000 m ² |

HydroPower Ultra LC (DIUH3)



| Factor | Value |
|---------------------------------------|------------------------------|
| Resin fill | 3 × 6 l |
| Pure water quantity per resin filling | 2,450 l |
| Working hours* | approx. 20 h |
| Coverage in m ² ** | approx. 2,000 m ² |

The pure water quantities (TDS < 10 ppm) were determined by an independent test laboratory at a water flow rate of 180 l/h and under the following conditions for the input water:

TDS: 275 ppm

Sum of cations and anions: 5.5 meq/l

Hydrogen carbonate content of anions: 60%.

With *soft water* (<100 ppm) the pure water output can increase **more than 3 times**. With very hard water (>400 ppm), depending on the hydrogen carbonate content and ion concentration, the output can **decrease by more than half**.

* at a water flow rate of 120 l/h

** with an area output of 100 m²/h

HydroPower® Ultra FILTER

| Part No. | Base | Height | Resin Packs | Cart |
|----------|-------------------|--------------|-------------|------|
| DIUH1 | 30x31cm / 12x12in | 35cm / 14in | 1 (6 l) | - |
| DIUH2 | 30x31cm / 12x12in | 77cm / 30in | 3 (18 l) | - |
| DIUH3 | 30x31cm / 12x12in | 107cm / 42in | 3 (18 l) | ✓ |

B PURE WATER FILTERS

HYDRO POWER® ULTRA KITS

STARTER KIT



HydroPower® Ultra S + nLite® Connect ALU

Content:
 DIUH1 HydroPower® Ultra Filter S
 AN60G nLite® Connect Alu Master pole 6 m / 20 ft
 NLR27 nLite® Angle Brush 27 cm / 11 in
 FTG05 HiFlo MultiLink Adapter
 NL20G nLite® Hose 20 m / 65 ft
 TMOOV HiFlo Control

Length
20 ft

| Part No. | Pack |
|----------|------|
| DIUK1 | 1 |

ADVANCED KIT



HydroPower® Ultra S + nLite® CARBON COMPOSITE

Contents:
 DIUH1 HydroPower® Ultra Filter S
 CC60T nLITE® CarbonComposite 6.00 m / 20 ft
 NGS15 nLITE® Angle adapter kit S, 15 cm / 6 in
 NFF28 nLITE® Power Brush, spliced, 28 cm / 11 in
 DLS25 DuroFlex hose, 25 m / 82 ft

Length
20 ft

| Part No. | Pack |
|----------|------|
| DINK1 | 1 |

EXPERT KIT L



HydroPower® Ultra L + nLite® CARBON 24K

Contents:
 DIUH2* HydroPower® Ultra Filter L
 DIUH3** HydroPower® Ultra Filter LC
 CF86G nLITE® Carbon 24K 8.60 m / 28 ft
 NGS30 nLITE® Angle adapter kit M, 42 cm / 17 in
 NFK28 nLITE® Power Brush, spliced, 28 cm / 11 in
 DLS25 DuroFlex hose, 25 m

Length
28 ft

| Part No. | Version | Pack |
|----------|--------------|------|
| DINK2 | without cart | 1 |

EXPERT KIT LC



HydroPower® Ultra L + nLite® CARBON 24K

Contents:
 DIUH2* HydroPower® Ultra Filter L
 DIUH3** HydroPower® Ultra Filter LC
 CF86G nLITE® Carbon 24K 8.60 m / 28 ft
 NGS30 nLITE® Angle adapter kit M, 42 cm / 17 in
 NFK28 nLITE® Power Brush, spliced, 28 cm / 11 in
 DLS25 DuroFlex hose, 25 m

Length
28 ft

| Part No. | Version | Pack |
|----------|-----------|------|
| DINK3 | with cart | 1 |

| HydroPower® Ultra KITS | STARTER KIT | ADVANCED KIT | EXPERT KIT L | EXPERT KIT LC |
|--------------------------|--------------------------|---------------------------------|---------------------------------|---------------------------------|
| Part No. | DIUK1 | DINK1 | DINK2 | DINK3 |
| HydroPower® Ultra Filter | S | S | L | LC |
| nLite® telescopic pole | Aluminium 6 m / 20 ft | Carbon Composite 6 m / 20 ft | Carbon 24K 8.60 m / 28 ft | Carbon 24K 8.60 m / 28 ft |
| Angle adapter | MultiLink | S | M | M |
| Brush | Angle 27 cm / 11 in | Power 28 cm / 11 in | Power complete 28 cm / 11 in | Power complete 28 cm / 11 in |
| Hose | 20 m / 65 ft | DuroFlex 25 m / 82 ft | DuroFlex 25 m / 82 ft | DuroFlex 25 m / 82 ft |

B PURE WATER FILTERS

ION EXCHANGE RESIN

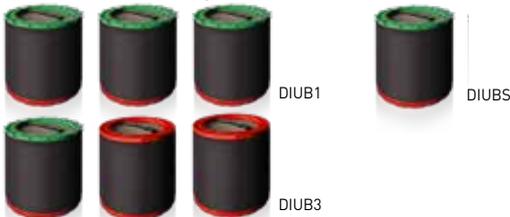


Quality Tools for Smart Cleaning



Ultra RESIN PACKS FOR HYDRO POWER® ULTRA FILTER

Over 30 %* more pure water per resin filling



Every Ultra resin pack contains a pre-portioned amount of **UNGER** premium ion-exchange resin with a **new formula, perfected for glass cleaning**

The **FloWater technology 2.0** in every Ultra resin pack ensures an efficient flow of water through the whole tank which optimises the **resin saturation**

Ultra RESIN PACKS

| Part No. | Info | Pack |
|----------|---|------|
| DIUB1 | 3 x Ultra Resin Packs for DIUH1, DIUK1 | 1 |
| DIUB5 | 1 x Ultra Resin Pack for DIUH1, DIUK1 | 1 |
| DIUB3 | Kit with 3 Ultra Resin Packs for DIUH2, DIUH3 | 1 |



QuickChange RESIN BAGS FOR HYDRO POWER® DI FILTER

High comfort



The **QuickChange** Resin Bags allow users to speed up the resin change process - simply remove the bag with expired resin and insert a new one.

The **QuickChange** Resin Bags offer fast and easy resin replacement on the spot with minimal mess - anytime and anywhere!



QuickChange RESIN BAGS 6 L

| Part No. | Info | Pack |
|----------|-----------------------------------|------|
| DIB64 | 4 bags (24 l) in air tight bucket | 1 |
| DIB84 | 4 bags (24 l) in air tight bag | 1 |

PREMIUM GRADE VIRGIN MIXED BED RESIN

High capacity virgin mixed bed ion exchange resin for total de-ionisation and purification of water. Immediately produces 100% pure water for streak free glass cleaning.

Consisting of a mixture of a gel, type I strong basic anion exchanger, and a gel, strong acid-cation resin, for the direct demineralization of water. 40 % cation, 60 % anion, pH range 0-14.

Suitable for use in:

- Refillable DI cartridges
- DI pressure vessels
- Filters for Pure Water Window Cleaning



PREMIUM GRADE VIRGIN MIXED BED RESIN

| Part No. | Product | Pack |
|----------|-------------|------|
| DIB25 | Bag 25 l | 1 |
| DIP25 | Bucket 25 l | 1 |

i RESIN CHANGE

The conductivity measurement is used to monitor water quality. If a conductivity measurement (integrated TDS-metre) indicates a value of > 10 ppm, the resin must be replaced.

*In comparison with standard DI systems (e.g. **UNGER HydroPower®** DI filters).Source: test results from the independent testing laboratory Miontec GmbH, 2019.

B PURE WATER FILTERS

HYDRO POWER® RO S



REVERSE OSMOSIS FILTER (RO)

HydroPower® RO S Pure water for everyone!

With the entry-level model **HydroPower RO S**, cleaning can be carried out with pure water with minimum operating costs - especially in areas with hard water. Due to its compact and robust design, the new **HydroPower RO S** system is easy to transport.

The proven RO technology from **UNGER** is based on a 3-stage filtering process for 100 % pure water, whereby the required water pressure is generated with a high-quality stainless steel pump.

BOOST FUNCTION

- Pure water mode: pure water for streak-free cleaning of windows and facades
- Boost mode: tap water at 8-10 bar for pre-rinsing heavily soiled surfaces

SIMPLE AND SAFE OPERATION

- TDS measuring device shows the quality of the source water at the push of a button
- Manual flushing of the RO membrane for an extended service life
- Automatic shutdown function to protect the pump if the water supply fails

QUICK MAINTENANCE.

- The pre-filter and DI filter are easy to replace and can be visually inspected during work
- Removable back cover for easy access to all electrical components

POWERFUL QUALITY PUMP

- Centrifugal pump made of stainless steel for constant and high water flow
- Trouble-free operation even after a long time

RO STARTER KIT



HydroPower® RO S + nLITE® CARBON 24K

Contents:

RO20C HydroPower RO S
CF86G nLITE® Carbon 24K Main pole, 6-part, 8.60m / 28 ft
CF33G nLITE® Carbon 24K Extension pole, 2-part, 3.20m / 10 ft
NLHCC nLITE® Extension adapter
NGS30 nLITE® Angle adapter kit M, 42 cm / 17 in
NFK41 nLITE® Power Brush, spliced, 42 cm / 17 in
DLH25 DuroFlex High Performance Hose, 25 m/82 ft, Ø 7/10mm

Length
39 ft

Part No.

Pack

RONK1

1

HydroPower® RO S

Part No.

Pack

RO20C

1

COMPACT AND ROBUST DESIGN

- High-quality materials ensure a long service life
- Durable stainless steel quick connectors prevent dripping
- Heavy-duty stainless steel frame with maintenance-free solid rubber wheels

HYDRO POWER® RO M



Quality Tools for Smart Cleaning

REVERSE OSMOSIS FILTER (RO)

HydroPower® RO M

The pure power of pure water

MODERN DESIGN AND HIGH PERFORMANCE

When it comes to developing new solutions for safe and efficient cleaning, **UNGER** always impresses with innovative product ideas. Discover the pure power of pure water with the **HydroPower® RO M**.

The compact and mobile filter system impresses with its outstanding performance features and ease of use – a real added value for professional window cleaners.

100% PURE WATER

The **HydroPower® RO M** demineralises water in a 3-stage process. The combination pre-filter removes fine particles and chlorine. The high-performance double membrane filters out up to 98 % of the minerals. In the third stage, the remaining minerals are bound by an ion exchange resin.

TDS METER

- shows the performance level of the membrane and resin filter

DOUBLE MEMBRANE

- very high water production, approx. 350 l/hour*

COMBINATION PRE-FILTER FINE PARTICLES/CHLORINE

- to protect both membranes

DOWNSTREAM RESIN FILTER

- 100 % pure water production

2 METAL WATER OUTLETS

- for 2 users at the same time

HIGH PERFORMANCE PUMP

- constant and high water flow



3 REASONS FOR HYDRO POWER® RO M

- 1 HIGH PERFORMANCE
- 2 COMPACT, ROBUST DESIGN
- 3 SIMPLE OPERATION & MAINTENANCE

HydroPower® RO M

| Part No. | Pack |
|----------|------|
| RO35C | 1 |

*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.

B PURE WATER FILTERS

HYDRO POWER® RO L

**HYDRO
POWER®**
SYSTEM L



MADE IN
GERMANY

FIVE SMART REASONS FOR HYDRO POWER® RO L

This handful of cutting-edge features can make a huge difference to anyone who cleans with pure water.

- 1 Maximum performance***
With pure water output of up to 400 litres per hour, the **HydroPower® RO** is designed to be used by 1, 2 or 3 operators simultaneously.
- 2 Innovative RO SMARTGUARD Monitoring System**
Our intelligent assistant technology eliminates guesswork from managing your filter performance and maintenance.
- 3 Self-maintenance technology**
Automatic flush function before and after every use helps to prevent scaling and pollution of the RO membrane, prolonging its lifetime and reducing running costs.
- 4 Compact and robust design**
With its smart, contemporary look and high quality workmanship, the **HydroPower® RO** is built to last. Made in Germany.
- 5 Ultra fast & easy care**
User-friendly FastLock opening mechanism speeds up replacement of filter cartridges by up to 30 times.

*at 18 °C water temperature, 4 bar water pressure, unrestricted by external hose

REVERSE OSMOSIS FILTER (RO)

HydroPower® RO L

The next generation in pure water technology

Smart assistance meets easy maintenance

The **HydroPower® RO L** unites advanced intelligent technology, automation and user-friendly features, so you can concentrate what matters – doing a great job!

While you work, our unique electronic assistant, **RO SMARTGUARD** will keep watch over filter's performance and let you know if anything needs urgent attention or service.

The filter components can be changed quickly and easily - without tools.

RO SMARTGUARD

- watches over filter's performance

DOUBLE MEMBRANE

- very high water output, up to 400 l/hour*

COMBI PRE-FILTER SEDIMENT & CHLORINE

- to protect both membranes

RESIN FILTER FOR POLISHING

- 100 % pure water production

3 METAL CONNECTORS

- for 3 operators to work simultaneously

HIGH POWER PUMP

- supports the high water flow



CE certified

HydroPower® RO L

| Part No. | Product | Pack |
|----------|------------------|------|
| R040C | Mobile RO-Filter | 1 |

REVERSE OSMOSIS FILTER (RO)

HiFlo RO Glass facades

The high performance RO-filter for real professionals

- Perfect for cleaning **large glass facades** - more water for cleaning and rinsing on the surface
- Downstream resin filter – 100 % pure water production
- Suitable for two workers without loss of capacity, or for one worker with increased water output
- Ideal for tank filling
- Automatic pump control with dry run protection
- Incl. TDS meter for checking the water and resin quality

DOUBLE MEMBRANE

- extended water output, approx. 700 l/hour*

RESIN FILTER FOR POLISHING

- 100 % pure water production

COMBI PRE-FILTER SEDIMENT & CHLORINE

- to protect both membranes

PURE WATER FLOW METRE

- Displays the produced amount of pure water

EXTRA HIGH POWER PUMP

- supports the high water flow



HiFlo RO GLASS FACADES

| Part No. | Pack |
|----------|------|
| RO60C | 1 |

*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.



HIFLO RO



REVERSE OSMOSIS FILTER (RO)

HiFlo RO

Reverse osmosis filter with high pure water production for large areas

- Perfect for cleaning of **solar panels** – more water on the panel, better rinsing and cleaning
- Ideal for two workers with no loss of water capacity or one worker with increased performance
- Ideal for tank filling
- Carbon filter lasts app. 200,000 l at 2 ppm chlorine
- Built in TDS meter monitors water quality
- Automatic pump control with dry run protection for added safety
- High quality, corrosion-resistant stainless steel frame

DOUBLE MEMBRANE

- extended water output, approx. 750l/hour

LARGE CARBON PRE-FILTER

- to save membranes from chlorine

LARGE SEDIMENT PRE-FILTER

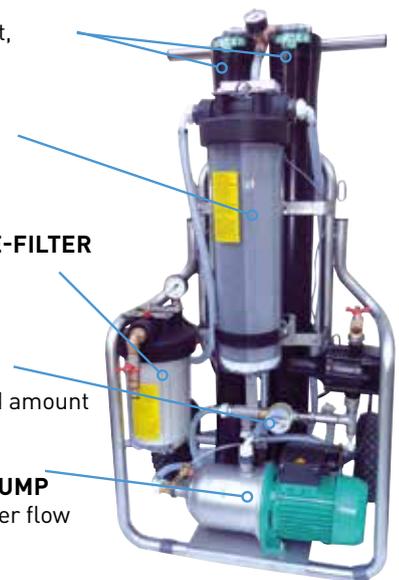
- to protect both membranes

PURE WATER FLOW METRE

- Displays the produced amount of pure water

EXTRA HIGH POWER PUMP

- supports the high water flow



HiFlo RO SOLAR

| Part No. | Pack |
|----------|------|
| RO60S | 1 |

*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.



REVERSE OSMOSIS FILTER



| | HydroPower® RO S (RO20C) | HydroPower® RO M (RO35C) | HydroPower® RO L (RO40C) | HiFlo RO Glass facades (RO60C) | HiFlo RO (RO60S) | HydroPower® RO XXL (TRLR1) |
|---|---|---|--|---|---|--|
| Main features | • Compact design | • High performance • Easy operation | • Maximum performance • Digital assistance system • Automatic maintenance function | • High performance RO filter • High pure water production for large glass surfaces | • High performance RO filter • High pure water production for PV & solar systems | • Trailer system for production and transport of pure water • 650 L pure water tank |
| Water output power* up to | 180 l/h Boost mode: 1,000 l/h | 350 l/h | 400 l/h | 700 l/h | 750 l/h | 2 x 125 l/h |
| Water outlets | 1 | 2 | 3 | 1 | 1 | 2 |
| Pump performance | 0.6 kW | 0.6 kW | 0.75 kW | 1.1 kW | 1.1 kW | 3 x 0.1 kW |
| Protection class electric pump | IP54 | IP54 | IP54 | IP54 | IP54 | IP54 |
| Inlet pressure [bar] | 1 – 6 | 1 – 6 | 1 – 6 | 1 – 6 | 1 – 6 | 1 – 6 |
| Max. operating pressure [bar] | 10 | 10 | 10 | 10 | 10 | 10 |
| Pump dry run protection | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pure water flow meter | analogue | analogue | digital | analogue | analogue | - |
| Pre-filter | Combination filter Chlorine/Sediments (ROCA2) | Combination filter Chlorine/Sediments (ROCAR) | Combination filter Chlorine/Sediments (ROCAR) | Combination filter Chlorine/Sediments (17509) | 1: Sediment filter (17521) 2: Chlorine filter (17919) | Chlorine filter (19080) |
| Membranes | 1 (ROME2) | 2 (ROMEM) | 2 (ROMEM) | 2 (17189) | 2 (17189) | 1 (19076) |
| Resin filter | Cartridge (RORE2) | Cartridge (RORES) | Cartridge (RORES) | Cartridge large (17201) | - | Resin bag (DIB64/DIB84) |
| TDS Sensors | at the water outlet | after membranes at the water outlet | after pre-filter after membranes at the water outlet | after membranes at the water outlet | after chlorine filter at the water outlet | at the water outlet |
| Dimensions in cm / inches (Height x Width x Depth) | 96 x 53 x 67 cm 38 x 21 x 26 in | 107 x 53 x 70 cm 42 x 21 x 28 in | 107 x 53 x 70 cm 42 x 21 x 28 in | 123 x 75 x 51 cm 48 x 30 x 20 in | 123 x 75 x 51 cm 48 x 30 x 20 in | 175 x 160 x 350 cm 69 x 63 x 138 in |
| Empty weight in kg | 45 | 75 | 75 | 83 | 83 | 700 |
| Weight including filling | 50 | 80 | 80 | 89 | 89 | 1350 |
| Cable length in m/ft | 1.5 / 5 | 1.5 / 5 | 1.5 / 5 | 1.5 / 5 | 1.5 / 5 | 1.6 / 5 (charger) |
| Battery power | - | - | - | - | - | 12 V – 210 Ah |

*At 18 °C water temperature, 4 bar water pressure and connected outlet hose with 1/2" inner diameter without counterpressure at the water outlet.

i The amount of produced pure water per hour depends on several factors:

1. Water Temperature - the warmer the water, as more pure water can be produced.
2. Hose diameter - the bigger the hose diameter, the higher the waterflow is.
3. Hose length - the longer the hose, the less the waterflow is.

ACCESSORIES



SOAP DISPENSER

For adding cleaning liquid to pure water flow, after passing through the filter unit.

- Perfect for lifting stubborn dirt and greasy residue from heavily soiled surfaces
- Simple connection to standard garden hose
- Easy to refill and adjust concentration

| Part No. | Pack |
|----------|------|
| HCDEU | 1 |

Professional tools for classic glass cleaning

All **UNGER** products are expertly designed to meet the high demands of the Professional Window Cleaning Industry.

Innovation and ergonomics are always at the forefront of our research and product development to enable professionals to work faster, more efficiently and above all safely.

Today our range includes wide selection of traditional handheld tools and accessories, built to last and withstand continuous use, day after day.

Most of our tools can be fitted to **UNGER** telescopic pole, allowing you to clean at heights of up to 10 m safely from the ground.

Look out for the **ErgoTec®** Locking Cone symbol, identifying products that can be locked securely on the pole with a quick-release button preventing falling off or spinning.

SQUEEGEES p. 34



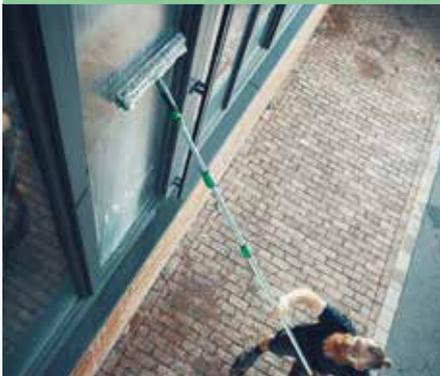
WASHERS p. 39



SCRAPERS p. 43



TELESCOPIC POLES p. 48



ACCESSORIES p. 53



TRADITIONAL WINDOW CLEANING SQUEEGEES

ERGOtec® NINJA



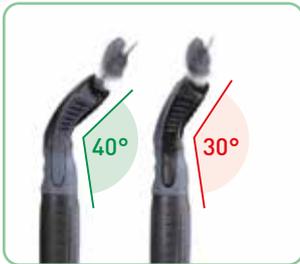
ErgoTec® NINJA WINDOW SQUEEGEE



Complete with NINJA Channel and professional soft rubber.

- Ergonomic handle with 180° swivel
- Handle with TriLoc mechanism for secure hold of the channel
- Extruded Aircraft Aluminum T6 Channel: will not bend or break
- Fits securely to pole with Locking Cone

| Part No. | Angle | Size | Rubber | Pack |
|----------|-------|---------------|--------|------|
| EN300 | 40° | 30 cm / 12 in | Soft | 5 |
| EN350 | 40° | 35 cm / 14 in | Soft | 5 |
| EN450 | 40° | 45 cm / 18 in | Soft | 5 |
| E3300 | 30° | 30 cm / 12 in | Soft | 5 |
| E3350 | 30° | 35 cm / 14 in | Soft | 5 |
| E3450 | 30° | 45 cm / 18 in | Soft | 5 |



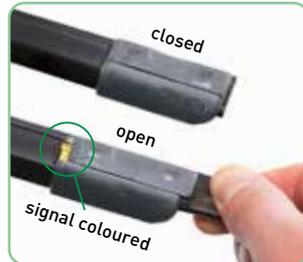
Choose between 40° and 30° head angle versions



The center position can be locked by pressing the lock button



Locking Mechanism to secure the swivel head in center position



New and improved end clip mechanism



ErgoTec® NINJA SQUEEGEE CHANNEL



Complete with soft rubber and SmartClip end clips.

- Extruded Aircraft Aluminum T6 Channel: will not bend or break
- Perfect pressure distribution
- Fast and easy rubber change

| Part No. | Size | Rubber | Pack |
|----------|----------------|--------|------|
| AC200 | 20 cm / 8 in | Soft | 5 |
| AC250 | 25 cm / 10 in | Soft | 5 |
| AC300 | 30 cm / 12 in | Soft | 5 |
| AC350 | 35 cm / 14 in | Soft | 5 |
| AC450 | 45 cm / 18 in | Soft | 5 |
| AC550 | 55 cm / 22 in | Soft | 5 |
| AC650 | 65 cm / 26 in | Soft | 5 |
| AC750 | 75 cm / 30 in | Soft | 5 |
| AC920 | 92 cm / 36 in | Soft | 5 |
| AC105 | 105 cm / 42 in | Soft | 5 |



ErgoTec® NINJA HANDLE



- Ergonomic swivel handle with 180° swivel
- TriLoc mechanism for secure hold of the channel
- Fits securely to pole with Locking Cone

| Part No. | Angle | Pack |
|----------|-------|------|
| EN000 | 40° | 5 |
| E3000 | 30° | 5 |

i RUBBER INFO

SOFT



- Shore hardness: 52 ± 3
- Ideal for colder temperatures
- Adjusts better to uneven surfaces

HARD



- Shore hardness: 60 ± 3
- Ideal for warmer temperatures
- Ideal for large, smooth surfaces

ERGOTEC®



73g



ErgoTec® CARBON HANDLE



The lightest professional squeegee handle.

- 18 % lighter than bicomponent ErgoTec® squeegee handle
- Made of premium carbon fibre: T700, 7 layers; S-Spring: High value stainless steel 1.4310
- Anti-slip coating for reliable grip
- Compatible with S-Channel and S-Channel Plus
- Fits securely to pole with Locking Cone

| Part No. | Pack |
|----------|------|
| UCH00 | 1 |

ErgoTec® SQUEEGEE HANDLE



Stainless steel squeegee with bi-component handle.

- New handle with optimised S-spring
- Quick and simple channel change
- Fits securely to pole with Locking Cone
- Compatible with S-Channel and S-Channel Plus

| Part No. | Size | Rubber | Pack |
|----------|----------------|-----------|------|
| ETG00 | | Handle | 10 |
| ETX00 | +2.5 cm / 1 in | Handle XL | 10 |

ErgoTec® SWIVEL LOC HANDLE



Swivel squeegee head, freely adjustable and lockable.

Problem solver for hard-to-reach places.

- Advanced ergonomic bi-component handle for comfortable use
- Available in two head angles: 0° and 30°
- Compatible with S-Channel and S-Channel Plus
- Fits securely to pole with Locking Cone

| Part No. | Version | Pack |
|----------|---------|------|
| LS000 | 0° | 5 |
| LA000 | 30° | 5 |

S SQUEEGEE HANDLE



Stainless steel squeegee with rubber coated handle.

- Solid handle design
- Quick and simple channel change with S-Spring
- Fits on telescopic pole
- Compatible with S-Channel and S-Channel Plus

| Part No. | Rubber | Pack |
|----------|--------|------|
| SG000 | Handle | 10 |

Pro SQUEEGEE HANDLE



Stainless steel squeegee with rubber coated handle.

- Solid handle design
- Quick release clip for fast and easy channel change
- Fits on telescopic pole
- Compatible with S-Channel and S-Channel Plus

| Part No. | Rubber | Pack |
|----------|--------|------|
| PR000 | Handle | 10 |

VisaVersa®



Squeegee and washer in one tool. Complete with S-Channel, Original Sleeve and professional soft rubber.

- Time saving performance without changing tool
- Fits securely to pole with Locking Cone
- Compatible with S-Channel and S-Channel Plus

| Part No. | Size | Rubber | Material | Pack |
|----------|---------------|--------|-----------------|------|
| VP250 | 25 cm / 10 in | Soft | Blended fabric* | 10 |
| VP350 | 35 cm / 14 in | Soft | Blended fabric* | 10 |
| VP450 | 45 cm / 18 in | Soft | Blended fabric* | 10 |

* Support material: 100 % polyethylene; Fibres: 100 % polyacrylic

All products on this page, except VisaVersa®, are supplied as Handle only. Channels are available to order separately.

TRADITIONAL WINDOW CLEANING

SQUEEGEE RUBBER & CHANNELS



Pro SQUEEGEE RUBBER

25 rubbers per storage box. Professional quality.

- Highly durable and efficient
- Sharp edges enable thorough wiping for superior finish
- Sturdy plastic storage box keeps rubbers clean and straight

| Part No. | Size | Rubber | Pack |
|----------|---------------|--------|------|
| RP300 | 30 cm / 12 in | Soft | 25 |
| RP350 | 35 cm / 14 in | Soft | 25 |
| RP450 | 45 cm / 18 in | Soft | 25 |
| RP30H | 30 cm / 12 in | Hard | 25 |
| RP35H | 35 cm / 14 in | Hard | 25 |
| RP45H | 45 cm / 18 in | Hard | 25 |



Pro SQUEEGEE RUBBER

10 rubbers per bag. Professional quality.

- Highly durable and efficient
- Sharp edges enable thorough wiping for superior finish

| Part No. Soft | Part No. Hard | Size | Pack |
|---------------|---------------|----------------|------|
| RR200 | RR20H | 20 cm / 8 in | 10 |
| RR250 | RR25H | 25 cm / 10 in | 10 |
| RR350 | RR35H | 35 cm / 14 in | 10 |
| RR450 | RR45H | 45 cm / 18 in | 10 |
| RR550 | RR55H | 55 cm / 22 in | 10 |
| RR650 | RR65H | 65 cm / 26 in | 10 |
| RR750 | RR75H | 75 cm / 30 in | 10 |
| RR920 | RR92H | 92 cm / 36 in | 10 |
| RR990 | RR99H | 105 cm / 42 in | 10 |

GREEN SQUEEGEE RUBBER

Squeegee rubber with outstanding sliding ability.

- Streak-free results
- Reliable, long-lasting
- Professional quality - Made in Europe

| Part No. | Size | Pack |
|----------|---------------|------|
| RR25G | 25 cm / 10 in | 10 |
| RR35G | 35 cm / 14 in | 10 |
| RR45G | 45 cm / 18 in | 10 |
| RR55G | 55 cm / 22 in | 10 |

S-plus



S-CHANNEL PLUS

Stainless steel channel with variable positioning options.

Complete with soft rubber.

- Curved ends support the rubber at the edges for improved cleaning close to frame
- Strong and durable
- Easy change of rubber
- Fits ErgoTec®, S- and Pro-squeegees

| Part No. | Size | Rubber | Pack |
|----------|---------------|--------|------|
| UC300 | 30 cm / 12 in | Soft | 10 |
| UC350 | 35 cm / 14 in | Soft | 10 |
| UC450 | 45 cm / 18 in | Soft | 10 |



S CHANNEL

Stainless steel channel with variable positioning options.

Complete with soft and hard rubber.

- Strong and durable
- Easy change of rubber
- Fits ErgoTec®, S- and Pro-squeegees

| Part No. | Size | Rubber | Pack |
|----------|---------------|--------|------|
| NE250 | 25 cm / 10 in | Soft | 10 |
| NE300 | 30 cm / 12 in | Soft | 10 |
| NE350 | 35 cm / 14 in | Soft | 10 |
| NE450 | 45 cm / 18 in | Soft | 10 |
| NE550 | 55 cm / 22 in | Soft | 10 |
| NE15H | 15 cm / 6 in | Hard | 10 |
| NE25H | 25 cm / 10 in | Hard | 10 |
| NE30H | 30 cm / 12 in | Hard | 10 |
| NE35H | 35 cm / 14 in | Hard | 10 |
| NE45H | 45 cm / 18 in | Hard | 10 |
| NE55H | 55 cm / 22 in | Hard | 10 |



GC BRASS SQUEEGEE

Classic style brass handle.

Brass channels, complete with soft rubber and plastic clips.

- Sturdy and durable
- Firm channel fit with screws
- Fits on telescopic pole

| Part No. | Size | Info | Pack |
|----------|---------------|---------------|------|
| GS000 | | Brass Handle | 10 |
| GC350 | 35 cm / 14 in | Brass Channel | 10 |
| GC450 | 45 cm / 18 in | Brass Channel | 10 |



UniTec SQUEEGEE

Convenient metal squeegee, good value.

- Sturdy
- Firm channel fit with screws
- Fits on telescopic pole

| Part No. | Info | Pack |
|----------|--------|------|
| OG000 | Handle | 10 |



UniTec SQUEEGEE LIGHT

Extra light squeegee for glass or flat surfaces in household area.

- Ideal for smooth surfaces
- Fits on telescopic pole
- Lightweight, fixed aluminium channel

| Part No. | Size | Info | Pack |
|----------|---------------|----------|------|
| US300 | 30 cm / 12 in | Complete | 10 |



HIGHWAY RUBBER

Cut to fit 15 m rubber roll. Household quality.

- Convenient and practical
- Good value deal
- Cardboard box with easy rubber access

| Part No. | Size | Pack |
|----------|--------------|------|
| HIXXL | 15 m / 49 in | 1 |



3 STAR RUBBER

100 rubbers per box.

- Longer size - can be cut to size
- Good value deal
- Convenient box packaging

| Part No. | Info | Pack |
|----------|----------------|----------------------|
| RR923 | 92 cm / 36 in | 1 Box of 100 Rubbers |
| RR993 | 105 cm / 42 in | 1 Box of 100 Rubbers |



Plastic Clips

For improved hold of rubber in the channel. Available in solid plastic or brass.

- Effectively tensions and secures squeegee rubber
- Detachable one at a time
- Practical sturdy storage box

| Part No. | Info | Pack |
|----------|---|------|
| PCLIP | Plastic Clips 40/Box Brass Clips 100/Box | 10 |



Ergo HANDLE EXTENSION

Additional 14 cm reach for cleaning glass.

- Offers additional reach for safer cleaning without ladders
- Fits to all cone tools

| Part No. | Size | Pack |
|----------|---------------|------|
| HH000 | 26 cm / 10 in | 10 |



LASSO

Belt fastening safety tool to secure a squeegee.

- Prevents squeegee from dropping
- Flexible and solid, with inner cord made from kevlar
- Secure hold

| Part No. | Size | Pack |
|----------|---------------|------|
| SL010 | 55 cm / 22 in | 10 |

TRADITIONAL WINDOW CLEANING SQUEEGEES

PRODUCT OVERVIEW SQUEEGEES



Use the guide below to compare various models of **UNGER** Squeegees and identify the right one for your cleaning tasks and budget.

| | BUDGET | HANDLE | | SWIVEL | CHANNEL | | | RUBBER* | | | | 🔍 |
|---------------------------|--------|------------------------|----------------------|--|---------------------------------|--------------------------|-----------------|-------------|------|------|--|-------|
| | | Material | Fits to Locking Cone | Tension adjustment | Fitting | Sizes | Material | Type | Soft | Hard | Fitting | |
| ErgoTec® NINJA | ★★★ | 2c | | Metal screw needs coin or screw-driver | TriLoc: clip press & release | 20-105 cm 8-42 in | T6 Aluminium | Molded | ✓ | - | Side Clips on Ninja Channel | p. 34 |
| ErgoTec® Carbon | ★★★ | Carbon fibre | | - | S-Spring: press & release | - | - | - | - | - | Press S-Spring | p. 35 |
| ErgoTec® | ★★★ | 2c | | - | S-Spring: press & release | 15 -55 cm 6 - 22 in | Stainless Steel | Molded | ✓ | ✓ | Press S-Spring | p. 35 |
| ErgoTec® SwivelLoc | ★★★ | 2c | | Plastic screw turn 0° position fixable with button | 0° screwed plate 30° S-Spring | only handle 0° / 30° | Stainless Steel | Only handle | - | - | 0°: screw off plate 30° press S-Spring | p. 35 |
| S | ★★ | Metal + Rubber sleeve | | - | S-Spring: press & release | 15 -55 cm 6 - 22 in | Stainless Steel | Molded | ✓ | ✓ | Press S-Spring | p. 35 |
| Pro | ★★ | Metal + Rubber sleeve | | - | Clip lock easy release | 15 -55 cm 6 - 22 in | Stainless Steel | Molded | ✓ | ✓ | Open clip | p. 35 |
| Visa-Versa® | ★★ | Plastic Finger grooves | | - | S-Spring: press & release | 15 -55 cm 6 - 22 in | Stainless Steel | Molded | ✓ | ✓ | Press S-Spring | p. 35 |
| GC | ★ | Brass | | - | Screwed Plate needs screwdriver | 35 - 45 cm 14 - 18 in | Brass | Extruded | ✓ | - | Screw off plate | p. 37 |
| UniTec | ★ | Metal | | - | Squeezed by button | 25 - 45 cm 10 - 18 in | Stainless Steel | Extruded | ✓ | - | Turn button | p. 37 |
| UniTec Light | ★ | Plastic | | - | Channel hold by handle | 30 cm 12 in | Aluminium | Extruded | ✓ | - | Fixed to channel | p. 37 |

* Soft and Hard Rubber are interchangeable and available to order separately.

i PURCHASING GUIDE

- BUDGET:** How long do you work, how large is the area, how many extra features do you need?
- HANDLE:** Weight, Feature, Ergonomics
- SWIVEL FUNCTION:** Do you need to access hard to reach areas? Do you work with telescopic poles?
- CHANNEL:** How large is the surface to be cleaned? How important is a quick channel change?
- RUBBER:** Soft or hard rubber? Professional quality or is standard quality enough?

This product securely locks on ErgoTec® Locking cone.

This product fits on **UNGER** Poles without safety locking mechanism.

★ **GOOD**
Basic version

★★ **BETTER**
Standard version

★★★ **BEST**
Bestseller

👑 **PREMIUM**
Top of the range product

PUSH ON/SCREW ON

PUSH ON AND CLICK TO LOCK IN PLACE

TRADITIONAL WINDOW CLEANING WASHERS



Quality Tools for Smart Cleaning



ERGOtec® NINJA



The center position can be locked by pressing the lock button



Swivel function: Perfect for polework and hard-to-reach-areas



ErgoTec® Power WASHER

ErgoTec® T-bar and power microfibre sleeve.

- 20 % higher water absorption than standard microfibre sleeves
- Machine washable and suitable for tumble drying
- Two-component handle with water wells
- Locks into place on the safety cone

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| BC350 | 35 cm / 14 in | Microfibre* | 10 |
| BC450 | 45 cm / 18 in | Microfibre* | 10 |

*Support material: 100 % polyester; Fibres: 100 % polyester

ErgoTec® NINJA WASHER

Complete with NINJA Washer T-Bar and highly absorbent sleeve with Microfibre.

- Ultimate cleaning performance. Sleeve is machine washable up to 500 times
- Sleeve with rows of scrubbing fibres and 2 abrasive side pads
- Strong yet lightweight hard anodised aluminium T-Bar with 180° swivel function
- Fits securely to pole with Locking Cone

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| NA350 | 35 cm / 14 in | Blended fabric* | 5 |
| NA450 | 45 cm / 18 in | Blended fabric* | 5 |

*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide

StripWasher® MicroStrip PAC

Complete washer with highly absorbent microfibre sleeve.

- Superior cleaning power
- Sleeve with side scrub pad is machine washable up to 500 times
- Lightweight plastic T-Bar with water wells fits securely to pole

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| NC350 | 35 cm / 14 in | Microfibre* | 10 |
| NC450 | 45 cm / 18 in | Microfibre* | 10 |

*Support material: 100 % polyamide; Fibres: 100 % polyethylene

StripWasher® Pad STRIP PAC

Complete washer with blended fabric sleeve and scrub pad strip.

- Removes tough dirt
- Sleeve with scrub pad is machine washable up to 500 times
- Lightweight plastic T-Bar with water wells fits securely to pole

| Part No. | Size | Material | Pack |
|----------|---------------|---------------------|------|
| RC350 | 35 cm / 14 in | Scrub Pad + Fabric* | 10 |
| RC450 | 45 cm / 18 in | Scrub Pad + Fabric* | 10 |

*Support material: 100 % polyethylene; Fibres: 80 % polyacrylic, 20 % polyethylene

StripWasher® Monsoon STRIP PAC

Complete washer with blended, extra long fibre sleeve.

- Excellent cleaning power
- Sleeve with side scrub pad is machine washable up to 500 times
- Lightweight plastic T-Bar with water wells fits securely to pole

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| MC350 | 35 cm / 14 in | Blended fabric* | 10 |
| MC450 | 45 cm / 18 in | Blended fabric* | 10 |

*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide

StripWasher® Original STRIP PAC

Complete washer with blended fabric sleeve.

- Good cleaning power
- Sleeve is machine washable up to 500 times
- Lightweight plastic T-Bar with water wells fits securely to pole

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| WC250 | 25 cm / 10 in | Blended fabric* | 10 |
| WC350 | 35 cm / 14 in | Blended fabric* | 10 |
| WC450 | 45 cm / 18 in | Blended fabric* | 10 |

*Support material: 100 % polyethylene; Fibres: 100 % polyacrylic

TRADITIONAL WINDOW CLEANING WASHER T-BARS

ERGOtec® NINJA



ErgoTec® NINJA T-BAR



- Durable, lightweight hard anodized aluminium T-Bar.**
- Ergonomic bi-component handle with 180° swivel and lock function
 - Superior performance without causing excessive strain on arms and shoulders
 - Fits securely to pole with Locking Cone

| Part No. | Size | Pack |
|----------|---------------|------|
| NI250 | 25 cm / 10 in | 5 |
| NI350 | 35 cm / 14 in | 5 |
| NI450 | 45 cm / 18 in | 5 |
| NI550 | 55 cm / 22 in | 5 |
| NI750 | 75 cm / 30 in | 5 |



ErgoTec® T-BAR



- Durable plastic T-Bar with ergonomic bi-component handle.**
- Water wells for increased water retention
 - Fits securely to pole with Locking Cone

| Part No. | Size | Pack |
|----------|---------------|------|
| EH250 | 25 cm / 10 in | 10 |
| EH350 | 35 cm / 14 in | 10 |
| EH450 | 45 cm / 18 in | 10 |



Swivel T-BAR



- Lightweight aluminium T-bar with adjustable head and plastic handle.**
- Angle adjustable to 7 positions with set screw
 - Fits securely to pole with Locking Cone

| Part No. | Size | Pack |
|----------|---------------|------|
| SV350 | 35 cm / 14 in | 5 |
| SV450 | 45 cm / 18 in | 5 |



Alu T-BAR



- Lightweight solid aluminium T-Bar with plastic handle.**
- Finger grooves on the handle for secure grip
 - Fits securely to pole with Locking Cone

| Part No. | Size | Pack |
|----------|---------------|------|
| AT150 | 15 cm / 6 in | 10 |
| AT250 | 25 cm / 10 in | 10 |
| AT350 | 35 cm / 14 in | 25 |
| AT450 | 45 cm / 18 in | 25 |
| AT550 | 55 cm / 22 in | 10 |



UniTec T-BAR



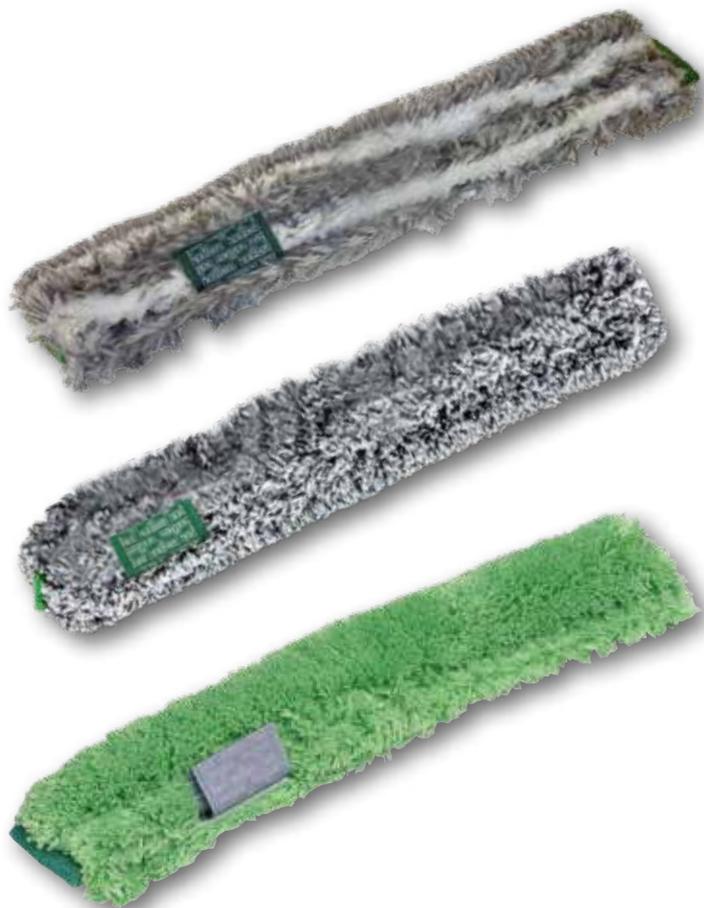
- Lightweight monolithic plastic T-Bar.**
- Water wells for increased water retention
 - Fits securely to pole with Locking Cone

| Part No. | Size | Pack |
|----------|---------------|------|
| OE250 | 25 cm / 10 in | 10 |
| OE350 | 35 cm / 14 in | 10 |
| OE450 | 45 cm / 18 in | 10 |

TRADITIONAL WINDOW CLEANING WASHER SLEEVES



Quality Tools for Smart Cleaning



ErgoTec® NINJA SLEEVE



Blended fabric sleeve with 2 abrasive side pads and hooks & loops fastener.

- Ultimate cleaning performance
- With rows of scrubbing fibres for effective removal of stubborn dirt
- High water retention
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| NJ250 | 25 cm / 10 in | Blended fabric* | 5 |
| NJ350 | 35 cm / 14 in | Blended fabric* | 5 |
| NJ450 | 45 cm / 18 in | Blended fabric* | 5 |
| NJ550 | 55 cm / 22 in | Blended fabric* | 5 |
| NJ750 | 75 cm / 30 in | Blended fabric* | 5 |

*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide

Power MICROFIBRE SLEEVE



Power microfibre sleeve with scrubbing pad for ultimate cleaning power, with hooks & loops fastener

- 20 % higher water absorption than standard microfibre sleeves
- Machine washable and suitable for tumble drying

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| BS250 | 25 cm / 10 in | Microfibre* | 10 |
| BS350 | 35 cm / 14 in | Microfibre* | 10 |
| BS450 | 45 cm / 18 in | Microfibre* | 10 |
| BS550 | 55 cm / 22 in | Microfibre* | 10 |

*Support material: 100 % polyester; Fibres: 100 % polyester

MicroStrip MICROFIBRE SLEEVE



Microfibre sleeve with scrub pad and hooks & loops fastener.

- Superior cleaning power
- High water retention - up to 6 times its own weight
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| NS250 | 25 cm / 10 in | Microfibre* | 10 |
| NS350 | 35 cm / 14 in | Microfibre* | 10 |
| NS450 | 45 cm / 18 in | Microfibre* | 10 |
| NS550 | 55 cm / 22 in | Microfibre* | 10 |

*Support material: 100 % polyamide; Fibres: 100 % polyethylene



Original SLEEVE



Blended fabric standard sleeve with hooks & loops fastener.

- Good cleaning power
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| WS250 | 25 cm / 10 in | Blended fabric* | 10 |
| WS350 | 35 cm / 14 in | Blended fabric* | 10 |
| WS450 | 45 cm / 18 in | Blended fabric* | 10 |
| WS550 | 55 cm / 22 in | Blended fabric* | 10 |

*Support material: 100 % polyethylene; Fibres: 100 % polyacrylic



Pad SLEEVE



Blended fabric standard sleeve with scrub pad strip and hooks & loops fastener.

- Time efficient cleaning of heavily soiled surfaces
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|---------------|---------------------|------|
| RS350 | 35 cm / 14 in | Scrub Pad + Fabric* | 10 |
| RS450 | 45 cm / 18 in | Scrub Pad + Fabric* | 10 |

*Support material: 100 % polyethylene; Fibres: 80 % polyacrylic, 20 % polyethylene



Monsoon SLEEVE



Blended fabric sleeve with extra long fibres, scrub pad and hooks & loops fastener.

- Excellent cleaning power
- High water retention
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| MS150 | 15 cm / 6 in | Blended fabric* | 10 |
| MS250 | 25 cm / 10 in | Blended fabric* | 10 |
| MS350 | 35 cm / 14 in | Blended fabric* | 10 |
| MS450 | 45 cm / 18 in | Blended fabric* | 10 |
| MS550 | 55 cm / 22 in | Blended fabric* | 10 |

*Support material: 100 % polyamide; Fibres: 70 % polyacrylic, 20 % polyethylene, 10 % polyamide



UniTec SLEEVE



Synthetic fibre washer sleeve with snap fasteners.

- Good cleaning power
- Good value deal
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|---------------|------------|------|
| ON250 | 25 cm / 10 in | Polyester* | 10 |
| ON350 | 35 cm / 14 in | Polyester* | 10 |
| ON450 | 45 cm / 18 in | Polyester* | 10 |

*Support material/Fibres: 100 % polyester

TRADITIONAL WINDOW CLEANING WASHERS

PRODUCT OVERVIEW WASHERS



Use the guide below to compare various models of **UNGER** washers and sleeves and identify the right one for your cleaning tasks and budget.

T-BARS

| | BUDGET | HANDLE | | SWIVEL FUNCTION | | T-BAR | | | | |
|-----------------------|--------|----------------------------|----------------------|-----------------|--------------------|-----------|------------|--------------------------|-------------|-------|
| | | Material | Fits to Locking Cone | Swivel Head | Tension adjustment | Material | Weight | Available Sizes | Function | |
| ErgoTec® NINJA | ★★★ | Plastic with rubber insert | | ✓ | Screw | Aluminium | Very light | 25 - 75 cm 10 - 30 in | Swivel head | p. 40 |
| ErgoTec® | ★★★ | Plastic with rubber insert | | - | - | Plastic | Light | 25 - 45 cm 10 - 18 in | Water wells | p. 40 |
| Alu | ★★ | Plastic | | - | - | Aluminium | Very light | 15 - 55 cm 6 - 22 in | Low weight | p. 40 |
| Swivel | ★★ | Plastic | | ✓ | Knob | Aluminium | Very light | 35 + 45 cm 14 + 18 in | Swivel head | p. 40 |
| UniTec | ★ | Plastic | | - | - | Plastic | Light | 25 - 45 cm 10 - 18 in | Water wells | p. 40 |

SLEEVES

| | BUDGET | MATERIAL | FEATURES | AVAILABLE SIZES | FASTENING | SCRUB PAD | |
|-----------------------|--------|---|---|--------------------------|----------------|-----------|-------|
| ErgoTec® NINJA | ★★★ | 100 % polyamide* 70 % polyacrylic** 20 % polyethylene** 10 % polyamide** | Superb water absorption and scrubbing action | 25 - 75 cm 10 - 30 in | Hooks & Loops | 2 x | p. 41 |
| Power | ★★★ | 100 % polyester*/** | 20 % higher water absorption | 25 - 55 cm 10 - 22 in | Hooks & Loops | 1 x | p. 41 |
| MicroStrip | ★★★ | 100 % polyamide* 100 % polyethylene** | High water retention - up to 6 times its own weight | 25 - 55 cm 10 - 22 in | Hooks & Loops | 1 x | p. 41 |
| Monsoon | ★★★ | 100 % polyamide* 70 % polyacrylic** 20 % polyethylene** 10 % polyamide** | High water retention | 15 - 55 cm 6 - 22 in | Hooks & Loops | 1 x | p. 41 |
| Original | ★★ | 100 % polyethylene* 100 % polyacrylic** | Good cleaning power | 25 - 55 cm 10 - 22 in | Hooks & Loops | 1 x | p. 41 |
| Pad | ★★ | 100 % polyethylene* 80 % polyacrylic** 20 % polyethylene** | Removes tough dirt | 35 + 45 cm 14 + 18 in | Hooks & Loops | - | p. 41 |
| UniTec | ★ | 100 % polyester*/** | Standard cleaning power | 25 - 45 cm 10 - 18 in | Snap fasteners | - | p. 41 |

* Support material
** Fibres

★ **GOOD**
Basic version

★★ **BETTER**
Standard version

★★★ **BEST**
Bestseller

PREMIUM
Top of the range product

**PUSH ON/
SCREW ON**

**PUSH ON AND CLICK
TO LOCK IN PLACE**

TRADITIONAL WINDOW CLEANING GLASS SCRAPERS

UNGER

Quality Tools for Smart Cleaning

The **UNGER GLASS SCRAPERS** with carbon or stainless steel reversible blades, featuring 2 sharp edges, are perfect for removing bird droppings, paint, tape, stickers and post-construction debris from the glass.

The **UNGER SURFACE SCRAPERS** with reversible stainless steel blades, featuring 1 sharp and 1 blunt edge, are great for heavy duty applications. Use the blunt edge to remove stubborn dirt, including cement and stucco.

UNGER PREMIUM GLASS SCRAPER BLADES STAINLESS STEEL



- Durable dual-sided replacement scraper blades are made from rust resistant 440A grade stainless steel which provides excellent edge retention and break resistance, ensuring that blades stay sharp for a long time.
- Each blade undergoes a precise angle honing process, creating a razor sharp and consistent cutting angle, enhancing the speed and effectiveness of every scraper pass.
- Perfect for removing paint, decals, tape, heavy soil and debris from glass surfaces, as well as construction clean up.
- Compatible with most flat or angled 10 cm (4") or 15 cm (6") scrapers.

UNGER CARBON STEEL BLADES



- Made of extra-sharp carbon steel and each blade is 4-way sharpened
- Two sharp sides for twice the wear on selected scraper blades
- Both sides lacquered for longer rust protection
- Individual wrapping in wax paper helps to protect blades from rusting and sticking together
- Safely packed and stored in convenient plastic dispenser. Blades remain dry and always available in safe dispenser



TRADITIONAL WINDOW CLEANING GLASS SCRAPERS

ERGOTEC® NINJA

Practical Holster
for the Belt



Available in 2 sizes:
10 cm/4 in 15cm/6 in



Switch the angle of the scraper head
from 0 to 30° at the touch of a button!



Safer and easier blade change –
push slider release lock to access
and change blade



Scraper includes removable
protective blade cover



Practical Holster & Scraper Combo

ErgoTec® NINJA SCRAPER

- The world's first 2-in-1 scraper for professional window cleaning.
- The angle of the scraper head can be switched from straight to 30°
 - Safer and easier blade change
 - Fits securely to poles with Locking Cone
 - Includes UNGER Premium Glass Scraper Blade Stainless Steel

| Part No. | Blade | Pack |
|----------|--------------|------|
| EN100 | 10 cm / 4 in | 5 |
| EN150 | 15 cm / 6 in | 5 |

ErgoTec® NINJA COMBO (SCRAPER + HOLSTER)

| Part No. | Blade | Pack |
|----------|--------------|------|
| ENH10 | 10 cm / 4 in | 5 |
| ENH15 | 15 cm / 6 in | 5 |

ErgoTec® NINJA HOLSTER

Made of durable solid plastic, the Holster is built to withstand frequent contact with sharp blades thanks to its integrated stainless steel strike plate.

- Fits to most standard tool belts
- Fits the scraper with or without protective cap

| Part No. | Compatible | Pack |
|----------|--------------------------------------|------|
| HT150 | Fits 10cm/4 in and 15cm/6 in scraper | 5 |

PREMIUM GLASS SCRAPER BLADES STAINLESS STEEL

| Part No. | Blade | Info | Pack |
|----------|--------------|--------------------|----------|
| ENB10 | 10 cm / 4 in | 1 case = 25 blades | 10 cases |
| ENB15 | 15 cm / 6 in | 1 case = 25 blades | 10 cases |

Also fits ErgoTec®, ProTrim and Trim scrapers

4 CM, SINGLE SHARP EDGE BLADE



ErgoTec® SAFETY SCRAPER

Ergonomic scraper with safety mechanism.

Spare blades: SRB10, SRB20, SRBDB.

- Single sharp edge blade
- Made of metal with rubber grip, sturdy and durable
- Retractable blade for safety

| Part No. | Size | Info | Pack |
|----------|-------------|---------------------|------|
| SR03K | 4 cm / 2 in | 20 in a box | 20 |
| SR04K | 4 cm / 2 in | 50 in a display box | 50 |

SAFETY SCRAPER

**

Convenient scraper with safety mechanism.

Spare blades: SRB10, SRB20, SRBDB.

- Single sharp edge blade
- Made of metal, sturdy and durable
- Retractable blade for safety

| Part No. | Size | Info | Pack |
|----------|-------------|---------------------|------|
| SR20K | 4 cm / 2 in | 20 in a box | 20 |
| SR50K | 4 cm / 2 in | 50 in a display box | 50 |



MINI SCRAPER

*

Handy plastic scraper with special locking mechanism.

- Extremely handy - fits anywhere!
- Single edge blade for safety

| Part No. | Size | Info | Pack |
|----------|-------------|---------------------|------|
| STMIN | 4 cm / 2 in | In a plastic bucket | 100 |



CARBON STEEL BLADES FOR GLASS SCRAPERS 4 cm

For SR03K, SR04K, SR20K, SR50K, STMIN.

- Single edge razor blade with aluminium holder
- Easy to replace
- SRBDB includes dispenser with tray for old blades

| Part No. | Size | Info | Pack |
|----------|-------------|---------------------------------|----------|
| SRB10 | 4 cm / 2 in | 100 loose blades | 1 box |
| SRB20 | 4 cm / 2 in | 250 blades (50x5) | 1 box |
| SRBDB | 4 cm / 2 in | 480 blades (48x10 in dispenser) | 48 disp. |



10/15 CM, REVERSIBLE SHARP BLADE



ErgoTec® GLASS SCRAPER

Large surface blade with ergonomic bi-component handle.

Spare blades: TR100 (10 cm), TR150 (15 cm).

- Reversible sharp blade
- Simple slide blade change, with protective cap for safety
- Fits securely to pole with Locking Cone

| Part No. | Size | Info | Pack |
|----------|--------------|-------------------------|------|
| EG100 | 10 cm / 4 in | Packed in a display box | 10 |
| EG150 | 15 cm / 6 in | Packed in a display box | 10 |



PROTRIM 10

The convenient lightweight scraper for every day.

Spare blades: TR100, KL100.

- Convenient and compact
- Retractable blade for safety
- Blade replacement and cleaning at push of a button

| Part No. | Size | Info | Pack |
|----------|--------------|-----------------------|------|
| TX100 | 10 cm / 4 in | Packed in display box | 10 |



TRIM 10+1

**

stainless steel glass scraper. In practical plastic box, with 10 blades.

Spare blades: TR100, KL100.

- Strong stainless steel
- Fits in UNGER squeegee handles
- Folding mechanism for safety

| Part No. | Size | Info | Pack |
|----------|--------------|-----------------------------------|----------|
| TM100 | 10 cm / 4 in | 1 case = 1 holder+10 blades | 10 cases |
| TH100 | 10 cm / 4 in | 1 box = 25 holder in bundles of 5 | 25 |

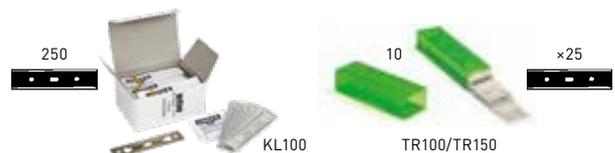


CARBON STEEL BLADES FOR GLASS SCRAPERS 10/15 cm

Carbon steel blades with reversible sharp edges.

For TX100, EG100, EG150, TM100, EN100, EN150.

| Part No. | Size | Info | Pack |
|----------|--------------|-----------------------------------|----------|
| KL100 | 10 cm / 4 in | 250 loose blades | 1 box |
| TR100 | 10 cm / 4 in | 250 blades (10 cases x 25 blades) | 10 cases |
| TR150 | 15 cm / 6 in | 250 blades (10 cases x 25 blades) | 10 cases |



SURFACE SCRAPERS

10 CM, REVERSIBLE SHARP/BLUNT EDGE BLADE



ErgoTec® SCRAPER



Ergonomic surface scraper with bi-component handle.

Spare blades: RB100.

- Advanced ergonomic handle design for comfortable use
- Angled, heavy metal head with reversible sharp/blunt edge blade

| Part No. | Size | Pack |
|----------|--------------|------|
| SH000 | 10 cm / 4 in | 10 |



ErgoTec® LONG HANDLE SCRAPER



The surface scraper with extra power with bi-component handle.

Spare blades: RB100.

- 25 cm long handle for extra reach and power
- Reversible sharp/blunt blade
- Blade protection cap for safety

| Part No. | Size | Pack |
|----------|--------------|------|
| SH250 | 10 cm / 4 in | 10 |



STAINLESS STEEL BLADES FOR SURFACES

Reversible sharp/blunt edge stainless steel blade. For SH000, SH250

- Sharp edge for scraping off paint, stickers, etc.
- Blunt side for removing cement and stucco
- Compact dispenser stores new and used blades
- Blades easily slide in and out of dispenser

| Part No. | Size | Info | Pack |
|----------|----------|-------------------------|---------|
| RB100 | 10cm/4in | 1 dispenser = 10 blades | 10 disp |

i → EXPERT TIPS

- Check if glass is scratch-resistant and suitable for scraper use. Unsuitable for use on Plexiglas, crown glass, solar glass, safety glass (ESG). Follow the manufacturer's care instructions
- Perform a scrape test in advance on an inconspicuous section
- Before starting work, check the glass for damage and report it, if necessary
- Check the blade for damage and change it, if necessary, or reverse it
- The surface to be scraped should always be wet
- It is best to use a release agent, e.g. "UNGER's Liquid"
- Always scrape in one direction! Never pull the scraper back – scratch risk!
- After scraping, check if adhesive or stucco residues are stuck to blade. If necessary, change or reverse blade

ATTENTION! UNGER blades are razor-sharp.
Always handle with greatest care.



OVERVIEW OF GLASS SCRAPERS

| GLASS SCRAPER (2-sided sharp blade) | QUALITY | BLADE MATERIAL | BLADE SIZE | HANDLE | FITS ON SAFETY CONE | SWIVEL FUNCTION | BLADE CHANGE | PROTECTION MECHANISM | |
|---|---------|-----------------|------------------------------|-------------------------------------|---|-----------------|-------------------|----------------------|-------|
|  ErgoTec® NINJA (EN100, EN150) | *** | Stainless steel | 10 cm / 4 in 15 cm / 6 in | 2c-material |  | ✓ | Carriage | Cap | p. 44 |
|  ErgoTec® (EG100, EG150) | *** | Carbon steel | 10 cm / 4 in 15 cm / 6 in | 2c-material |  | - | Carriage | Cap | p. 45 |
|  PROTRIM (TX100) | *** | Carbon steel | 10 cm / 4 in | Plastic | - | - | unfold | retractable blade | p. 45 |
|  ErgoTec® SAFETY SCRAPER (SR03K, SR04K) | *** | Carbon steel | 4 cm / 2 in | Stainless steel with rubber coating | - | - | push out sideways | retractable blade | p. 45 |
|  TRIM 10+1 (TM100, TH100) | ** | Carbon steel | 10 cm / 4 in | Stainless steel | - | - | push out sideways | Folding mechanism | p. 45 |
|  SAFETY SCRAPER (SR20K, SR50K) | ** | Carbon steel | 4 cm / 2 in | Stainless steel | - | - | push out sideways | retractable blade | p. 45 |
|  MINI SCRAPER (STMIN) | * | Carbon steel | 4 cm / 2 in | Plastic | - | - | push out sideways | Turn blade | p. 45 |

| GLASS SCRAPER BLADES (2-sided sharp) | QUALITY | MATERIAL | SIZE | COMPATIBLE WITH SCRAPER | | | | | PACKAGING | | | | | |
|--|---------|-----------------|--------------|-------------------------|---------|---------|-----------|------------------------|--------------------------------|--------------------|---------------------------|-----------------------------|-----------------------------|-------|
| | | | | NINJA | ERGOTEC | PROTRIM | TRIM 10+1 | ERGOTEC SAFETY SCRAPER | MINI SCRAPER | BOX | BOX CONTENTS | | PACK | |
|  PREMIUM GLASS SCRAPER BLADES (ENB10, ENB15) | *** | Stainless steel | 15 cm / 6 in | ✓ | ✓ | - | - | - | - | Carry case | 25 blades | 10 carry cases (250 blades) | p. 45 | |
| | | | 10 cm / 4 in | ✓ | ✓ | ✓ | ✓ | - | - | Carry case | 25 blades | 10 carry cases (250 blades) | p. 45 | |
|  GLASS SCRAPER BLADES (KL100, TR100, TR150, SRB10, SRB20, SRBDB) | *** | Carbon steel | 15 cm / 6 in | ✓ | ✓ | - | - | - | - | Carry case | 25 blades | 10 carry cases (250 blades) | p. 45 | |
| | | | 10 cm / 4 in | ✓ | ✓ | ✓ | ✓ | - | - | Box | 250 blades | 1 box (250 blades) | p. 45 | |
| | | | | | | | | | | | Blister pack | 100 blades | 1 blister pack (100 blades) | p. 45 |
| | | | 4 cm / 2 in | - | - | - | - | ✓ | ✓ | Display box | 50 boxes of 5 blades each | 1 box (250 blades) | 1 box (250 blades) | p. 45 |
| | | | | | | | | Display box | 48 Dispenser of 10 blades each | 1 box (480 blades) | 1 box (480 blades) | p. 45 | | |

OVERVIEW OF SURFACE SCRAPERS

| SURFACE SCRAPERS (1-sided sharp blade) | QUALITY | BLADE MATERIAL | BLADE SIZE | HANDLE | FITS ON SAFETY CONE | MORE ANGLED METAL HEAD | BLADE CHANGE | PROTECTION MECHANISM | |
|---|---------|-----------------|--------------|---|---|------------------------|--------------------|----------------------|-------|
|  ErgoTec® SCRAPER (SH000) | *** | Stainless steel | 10 cm / 4 in | 2c-material |  | ✓ | Unscrew the slider | Cap | p. 46 |
|  ErgoTec® LONG HANDLE SCRAPER (SH250) | *** | Stainless steel | 10 cm / 4 in | Long handle (25cm / 10 in) 2c-material | - | ✓ | Unscrew the slider | Cap | p. 46 |

| SURFACE SCRAPERS BLADES (1-sided sharp) | QUALITY | MATERIAL | SIZE | COMPATIBLE WITH SCRAPER | | | VERPACKUNG | | | |
|---|---------|-----------------|--------------|-------------------------|-----------------------------|---------------------|-------------|-----------------------------|---------------------------|-------|
| | | | | ERGOTEC | ERGOTEC LONG HANDLE SCRAPER | FLOOR SCRAPER LIGHT | BOX | BOX CONTENTS | PACK | |
|  PREMIUM SURFACE BLADES (RB100) | *** | Stainless steel | 10 cm / 4 in | ✓ | ✓ | ✓ | Display Box | 10 Dispenser 10 blades each | 10 Dispenser (100 blades) | p. 46 |

TRADITIONAL WINDOW CLEANING

TELESCOPIC POLE SYSTEM



TELESCOPIC POLE SYSTEM

Safety at the highest level.

UNGER telescopic poles have always been the ideal tool for the job when it comes to making professional glass cleaning from the ground easier – and in addition save time and money.

OptiLoc

For even more ease of use and handling, **UNGER** has now further optimised its **OptiLoc** telescopic poles. Thanks to the new 2-component twist lock, this new generation of **OptiLoc** telescopic poles offers many advantages.

- 2 or 3 section telescopic pole
- Available in 9 different lengths
- Reach in excess of 9 m (30 ft)
(max. pole length 9 m (30 ft) + body height)
- Weight and rigidity perfectly balanced
- **ErgoTec**® Locking Cone included

TelePlus System

- Extendable modular telescopic pole
- 2 section basic poles
- Extensions 1.25 m (4 ft) or 2.00 m (6.5 ft) – simply attach
- Reach in excess of 10 m (32 ft)
(max. pole length 10 m (32 ft) + body height)
- **ErgoTec**® Locking Cone included

UniTec

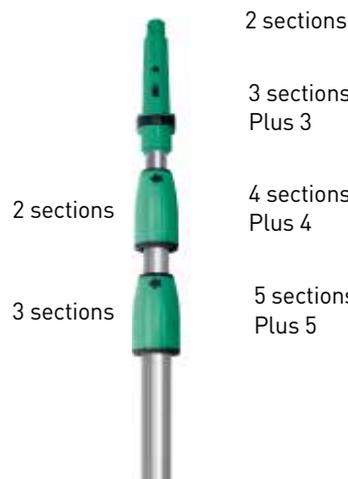
- 2 section telescopic pole
- Available in 3 different lengths
- Interior lock, twist right or left for locking
- Reach in excess of 4 m (13 ft)
(max. pole length 4 m (13 ft) + body height)

i AVOID WORKING ON LADDERS

- **UNGER** telescopic poles allow you to work safely reaching up to 10 m height, while standing on the ground
- The **UNGER ErgoTec**® Locking Cone ensures safer operation, since the tools lock in place and cannot drop
- Most accidents with ladders are caused by wrong handling, and not their damage
- Always check whether cleaning from the ground is a safe option. If not, discuss safe alternatives and corresponding costs with your client
- Always insist on safe working conditions. Do not risk your life just because the client does not accept certain services!
- Always choose the safest way. Ladders should not automatically be first choice simply due to convenience
- Ladders become extremely unsafe under certain conditions: Rain makes the ground slippery; uneven ground or contaminations can result in tilting, or even falling

TelePlus

OptiLoc



2 sections

3 sections/
Plus 3

4 sections/
Plus 4

5 sections/
Plus 5

UniTec



2 sections

TRADITIONAL WINDOW CLEANING

OPTI LOC

UNGER

Quality Tools for Smart Cleaning



ERGOTEC® LOCKING CONE

- Compatible with all UNGER tools.
- Prevents tools from falling down
- Fast and easy tool change



2-COMPONENT- TWIST LOCK

- Easier to open and close
- Better grip even with wet hands



ERGONOMIC HANDLE DESIGN

- 2c surface for a comfortable grip
- Ergonomic and secure grip even in wet conditions



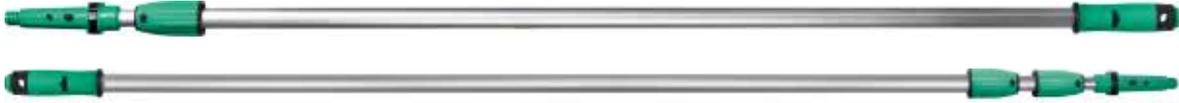
ANTI-SLIP END CAP

- Safe stand when you set the OptiLoc telescopic pole down
- Protects from damage



TRADITIONAL WINDOW CLEANING TELESCOPIC POLE SYSTEM

OPTI LOC



OptiLoc POLE, 2 SECTIONS

With bi-component handles and twist locks, with ErgoTec® Locking Cone.

| Part No. | Size |
|----------|---------------|
| EZ120 | 1.25 m (4 ft) |
| EZ250 | 2.50 m (8 ft) |
| EZ300 | 3 m (10 ft) |
| EZ400 | 4 m (13 ft) |
| EZ500 | 5 m (16 ft) |
| EZ600 | 6 m (20 ft) |

OptiLoc POLE, 3 SECTIONS

With bi-component handles and twist locks, with ErgoTec® Locking Cone.

| Part No. | Size |
|----------|----------------|
| ED180 | 1.85 m (6 ft) |
| ED370 | 3.75 m (12 ft) |
| ED450 | 4.50 m (15 ft) |
| ED600 | 6.00 m (20 ft) |
| ED750 | 7.50 m (25 ft) |
| ED900 | 9.00 m (30 ft) |

TELE PLUS



TelePlus POLE, 1.25 m SECTIONS

Modular Telescopic pole with ErgoTec® Locking Cone.

| Part No. | Size | Sections |
|----------|----------------|----------|
| TZ250 | 2.50 m (8 ft) | 2 |
| TD370 | 3.70 m (12 ft) | 3 |
| TV500 | 5 m (16 ft) | 4 |
| TF620 | 6.20 m (20 ft) | 5 |



TelePlus POLE, 2.00 m SECTIONS

Modular Telescopic pole with ErgoTec® Locking Cone.

| Part No. | Size | Sections |
|----------|--------------|----------|
| TZ400 | 4 m (13 ft) | 2 |
| TD600 | 6 m (20 ft) | 3 |
| TV800 | 8 m (26 ft) | 4 |
| TF100 | 10 m (33 ft) | 5 |



TelePlus3 EXTENSION

Extension for 2 section poles. Ø 29 mm

| Part No. | Size |
|----------|---------------|
| T3120 | 1.25 m (4 ft) |
| T3200 | 2 m (6.5 ft) |



TelePlus4 EXTENSION

Extension for 3 section poles. Ø 33 mm

| Part No. | Size |
|----------|---------------|
| T4120 | 1.25 m (4 ft) |
| T4200 | 2 m (6.5 ft) |



TelePlus5 EXTENSION

Extension for 4 section poles. Ø 37 mm

| Part No. | Size |
|----------|---------------|
| T5120 | 1.25 m (4 ft) |
| T5200 | 2 m (6.5 ft) |

UNI TEC



UniTec POLE, 2 SECTIONS

Telescopic pole with standard nylon cone.

| Part No. | Size |
|----------|--------------|
| OS210 | 2 m (6.5 ft) |
| OS250 | 3 m (10 ft) |
| OS260 | 4 m (13 ft) |



ONE STAGE POLE, 1 SECTION

With ErgoTec® Locking cone. Ø 21 mm

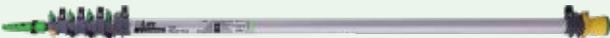
| Part No. | Size |
|----------|---------------|
| HH240 | 60 cm (24 ft) |

OVERVIEW TELESCOPIC POLES

| ALUMINIUM TELESCOPIC POLES | QUALITY | EXTENSION | ELEMENTS | POLE LENGTH | | | | | | | | | | LENGTH ADJUSTMENT | HANDLE | SAFETY CONE | |
|--|---------|----------------------|----------|--------------------|-------------------|-------------------|--------------------|-------------------------------|-------------------------------|-------------------|-------------------|--------------------|---------------|---------------------------|---|---|--|
| | | | | UP TO 2 M (6.5 FT) | UP TO 3 M (10 FT) | UP TO 4 M (13 FT) | UP TO 5 M (16 FT) | UP TO 6 M (20 FT) | UP TO 7 M (23 FT) | UP TO 8 M (26 FT) | UP TO 9 M (30 FT) | UP TO 10 M (33 FT) | | | | | |
|  OptiLoc | ★★★ | Telescopic | 2 | EZ120 | EZ250 EZ300 | EZ400 | EZ500 | EZ600 | EZ600 | | | | | Twist lock, 2c plastic | 2c plastic with Anti-slip end cap |  | |
| | | | 3 | ED180 | | ED370 | ED450 | ED600 | ED600 | ED750 | ED900 | | | | | | |
|  TelePlus | ★★ | Telescopic + modular | 2 | | TZ250 | + T3120 | + T3120 + T4120 | + T3120 + T4120 + T5120 | | | | | | Twist lock, plastic | Plastic |  | |
| | | | 3 | | TD370 | + T4120 | + T4120 + T5120 | | | | | | | | | | |
| | | | 2 | | TZ400 | | + T3200 | + T3200 + T4200 | + T3200 + T4200 + T5200 | | | | | | | | |
| | | | 4 | | TV500 | | + T5120 | | | | | | | | | | |
| | | | 3 | | TD600 | | + T4200 | + T4200 + T5200 | | | | | | | | | |
| | | | 5 | | TF620 | | | | | | | | | | | | |
| | | | 4 | | TV800 | | + T5200 | | | | | | | | | | |
| 5 | | TF100 | | | | | | | | | | | | | | | |
|  UniTec | ★ | Telescopic | 2 | OS210 | OS250 | OS260 | | | | | | | Inner closure | Plastic |  | | |



USE THE HIGH QUALITY nLite® ALUMINIUM TELESCOPIC POLE



- Easy to use clamps for length adjustment
- Maximum stability – precisely matched tube diameters
- Optimum pole diameter 35 mm / 14 in
- 4-part pole, available with reach of 6.00m / 20ft and 4.50m / 14 ft
- Can be extended up to 9.00m/30 ft with a second telescopic pole
- Compatible with classic glass cleaning tools with a cone adapter



| Part No. | Product | Size |
|----------|-------------------------------|---------------|
| AN60G | nLite telescopic pole, 4-part | 6.00 m (20ft) |
| AN45G | nLite telescopic pole, 4-part | 4.50 m (14ft) |
| AN30G | nLite extension pole, 2-part | 3.00 m (10ft) |
| HFNLC | nLite cone adapter with cone | |

 Aluminium poles p. 17



ADAPTERS & MAINTENANCE



ANGLE JOINTS

Freely adjustable angle allows access to hard-to-reach places.
 – Available in sturdy zinc version or lightweight plastic version
 – Fits to telescopic pole

| Part No. | Version | Pack |
|----------|---------|------|
| CJA00 | Zinc | 5 |
| CJN00 | Plastic | 5 |



THREAD ADAPTER 1/2"

With 1/2" thread. Fits conventional brooms.
 – Adapter is inserted into pole and locks in place via stand spring

| Part No. | Pack |
|----------|------|
| BE000 | 5 |



ErgoTec® LOCKING CONE

Securely locks tools on the telescopic pole. Incl. ACME thread
 – Compatible with all UNGER systems
 – Quick and easy tool change via release button

| Part No. | Pack |
|----------|------|
| NCA00 | 5 |



CONE

For attaching or screwing on tools. Incl. ACME thread
 – Cone is inserted into pole and locks in place via stand spring

| Part No. | Pack |
|----------|------|
| NCA00 | 5 |



THREAD ADAPTER FOR ALU-POLES

Anodized aluminium adapter for fitting the Pad Holder to aluminium poles.
 – Fits into any UNGER aluminium pole with 21mm diameter – just click in
 – Enables connection between aluminium poles and MultiLink Goosenecks, Extensions and Brushes

| Part No. | Pack |
|----------|------|
| AFAET | 5 |



TOOL HOLDER

Ideal for paint rollers, scrapers and other tools with up to Ø 3cm handle.
 – Enables safe operation from the ground with secure tool handle lock
 – Adjustable angle that locks securely via bolt with nut
 – Fits to telescopic pole

| Part No. | Pack |
|----------|------|
| PBR00 | 5 |



BULB CHANGER

For changing round light bulbs in high access areas without ladders. Rubber coated spring steel fingers.
 – Enables safer and faster bulb change from the ground
 – Fits to telescopic pole

| Part No. | Pack |
|----------|------|
| BS010 | 5 |



FLOOD SUCKER

For changing flat light bulbs in high access areas without ladders. With suction cups.
 – Enables safer and faster bulb change from the ground
 – Fits to telescopic pole

| Part No. | Pack |
|----------|------|
| FS000 | 5 |



FIXI-SYSTEM

Innovative cleaning system, ideal for cleaning large and high surfaces such as boats and vehicles.
 – Firmly retains a sponge or cloth by tightening the locking collar
 – Fits on telescopic pole
 – Stiff bristle brush effectively removes stubborn dirt

| Part No. | Version | Pack |
|----------|---------|------|
| FIXI0 | Clamp | 5 |
| HBR00 | Brush | 5 |
| SP010 | Sponge | 10 |

TRADITIONAL WINDOW CLEANING GLASS CLOTHS



Quality Tools for Smart Cleaning

WINDOW MICROFIBRE CLOTH SYSTEM



CLEANING WITH MICROFIBRE

Microfibre is highly efficient in removing dirt, oils, embedded soils and bacteria from surfaces without chemicals due to its slightly abrasive fibre texture. When used dry the statically charged fibre attracts and holds dust in place, unlike cotton or paper cloths.

Highly absorbent microfibre requires less water and chemicals for effective cleaning, allowing a reduction in water and harsh chemical consumption.

Microfibre is hard wearing and reusable generating less waste for landfill disposal than cotton or paper disposable cloths.



ErgoTec® NINJA MICROWIPE



Best in Class premium lint free microfibre cloth.

- Fabric weight: 400 g/m²
- Double sided – coarse for cleaning and smooth for polishing
- With 4 scrubbing corners for removing stubborn dirt
- Pocket corners for hanging the cloth on the pole for detailing at height
- Reinforced overlock stitch along the edges ensures shape retention
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|------------|-------------|------|
| MN40H | 40 × 40 cm | Microfibre* | 5 |
| MN55H | 55 × 55 cm | Microfibre* | 5 |
| MN60H | 80 × 60 cm | Microfibre* | 5 |



MICROWIPE LITE



Lint free microfibre cloth.

- Fabric weight: 300 g/m²
- Super soft, easy to use low friction material
- Overlock stitch along the edges ensures shape retention
- Machine washable up to 200 times

| Part No. | Size | Material | Pack |
|----------|-------------------|-------------|------|
| MF40E | 40x40cm / 16x16in | Microfibre* | 10 |
| MF60E | 60x80cm / 24x32in | Microfibre* | 10 |



MICROWIPE



The "Original" lint free microfibre cloth.

- Fabric weight: 350 g/m²
- Double sided – coarse for cleaning and smooth for polishing
- Overlock stitch along the edges ensures shape retention
- Machine washable up to 500 times

| Part No. | Size | Material | Pack |
|----------|-------------------|-------------|------|
| MF40L | 40x40cm / 16x16in | Microfibre* | 10 |
| MF60L | 60x80cm / 24x32in | Microfibre* | 10 |



CHAMOIS

Professional quality sheepskin chamois.

- Excellent for glass cleaning
- Quality checked by hand

| Part No. | Size | Material | Pack |
|----------|------------------------|-----------|------|
| FS450 | ca. 0.4 m ² | Sheepskin | 5 |
| FS550 | ca. 0.5 m ² | Sheepskin | 5 |



SCRIM

For polishing and spot cleaning of glass surfaces.

- Robust and durable
- Generous size for large surface. Washed scrim cloth size may vary slightly due to shrinking.
- Versatile best seller

| Part No. | Size | Material | Pack |
|----------|-------------------|-----------------------|------|
| SCRM1 | 92x92cm / 36x36in | 100 % Linen, unwashed | 10 |
| SCRMW | 92x92cm / 36x36in | 100 % Linen, washed | 10 |

* 70 % polyester, 30 % polyamide

TRADITIONAL WINDOW CLEANING BELTS, POUCHES, BUCKETS



ErgoTec® BELT

Solid belt for carrying tool holders. 4 eyes, padding, quick release.

| Part No. | Size | Material | Pack |
|----------|--------------------|----------|------|
| BSTBT | 80-130cm / 32-52in | Nylon | 1 |



ErgoTec® POUCH

3 compartments. Dry and damp cloths can be stored separately. Front pocket with flap and hooks & loops fastener.

| Part No. | Size | Material | Pack |
|----------|-------------------|----------|------|
| BSPOU | 30x37cm / 12x15in | Nylon | 1 |



CANVAS APRON

Made of solid nylon with 2 large compartments for cloths, scraper, etc.

- Keeps essential tools protected
- Great for working at height
- Includes adjustable belt

| Part No. | Material | Pack |
|----------|----------|------|
| SRZ10 | Nylon | 10 |



HENRY'S DOUBLEHOLSTER

Leather tool holder, two compartments. For fastening to belt.

- Convenient for holding squeegees and washers
- Extremely solid quality leather
- Fits on most belts

| Part No. | Pack |
|----------|------|
| HT000 | 5 |



THE BELT

Solid nylon belt for attaching bucket and other tools on a belt.

- Convenient loops for tools (squeegee, etc.)
- Clip lock for quick fastening
- Adjustable length

| Part No. | Size | Material | Pack |
|----------|----------------|----------------------|------|
| UB000 | 115 cm / 46 in | Polypropylene, nylon | 5 |



NYLON POUCH

Solid pouch with 2 pockets. Fits all UNGER belts.

- Provides storage for mobile phone
- Sturdy, solid and very durable

| Part No. | Material | Pack |
|----------|----------|------|
| NYLPO | Nylon | 10 |



BUCKET ON A BELT

Durable plastic holder for squeegee, washer, scraper.

- Conveniently holds all important tools
- Ideal for use on ladders, indoors or in narrow spaces
- BB010 with Protector insert for optimum squeegee compatibility

| Part No. | Can hold the following tools | Pack |
|----------|--|------|
| BB010 | NINJA: 1 washer, 2 squeegees, 1 scraper | 5 |
| BB020 | Classic: 1 squeegee, 1 washer, 1 scraper | 5 |



BUCKET 18 L

Bucket for glass cleaning.

- Lightweight and easy to handle
- Metal handle with plastic enclosure
- Includes plastic holder for washer and squeegee

| Part No. | Capacity / Inside dimension | Pack |
|----------|-----------------------------|------|
| QB120 | 18 l / 40x23 cm / 16x9 in | 10 |



BUCKET 28 L

Large bucket for glass cleaning.

- Holds 45 cm squeegee
- Features measuring marks and 2 drains
- Available optional accessories: lid, bucket sieve

| Part No. | Capacity / Inside dim. | Pack |
|----------|------------------------------|------|
| QB220 | 28 l / 54x26.5 cm / 21x10 in | 5 |



QB080



QB060

ACCESSORIES FOR BUCKET 28 L

| Part No. | Product | Pack |
|----------|--------------|------|
| QB060 | Bucket Sieve | 5 |
| QB080 | Lid | 5 |

TRADITIONAL WINDOW CLEANING SOAP, GLOVES



Quality Tools for Smart Cleaning



NINJA LIQUID

Window cleaning soap, liquid. Power formula with extended foam life.

- High yield (concentrate 1:100)
- Power formula with ultimate cleaning power for streak-free results

| Part No. | Content | Pack |
|----------|---------|------|
| FR10S | 1 l | 12 |



UNGER's LIQUID

Window cleaning soap, liquid. Concentrate. Mixing ratio 1:100.

- Economic and eco-friendly
- Excellent cleaning power
- Simply add to water

| Part No. | Content | Pack |
|----------|---------|------|
| FR100 | 1 l | 12 |
| FR500 | 5 l | 2 |



UNGER's GEL

Window cleaning soap for direct application onto washer.

- Economic, covers large areas
- Excellent cleaning power
- Apply directly onto washer

| Part No. | Content | Pack |
|----------|---------|------|
| FG050 | 0.5 l | 10 |



RUB OUT

Professional glass cleaner. Compact bottle with easy dispense cap.

- Removes hard water stains, rust, mineral deposits, limescale and soap residue
- Tough on stains, gentle on glass

Attention: Some surfaces are easily scratched. Always test Rub Out prior to use.

| Part No. | Content | Pack |
|----------|---------|------|
| RUB20 | 0.5 l | 12 |



ErgoTec® NEOPRENE GLOVES

★★★

Gloves for window cleaning, made of 3 mm thick textile neoprene.

- Tear resistant stitching and glue seal along seams for durability
- Knuckle inserts and flexible curved shape for ultra comfort
- Non slip palm with screened-on silicone for secure grip
- Adjustable hooks & loops wrist strap

| Part No. | Size | Hand circumference | Material | Pack |
|----------|------|--------------------|-------------------|------|
| GL02S | 7 | 18-19cm/ 7 in | Neoprene, textile | 5 |
| GL02L | 8 | 20-21cm/ 8 in | Neoprene, textile | 5 |
| GL02X | 9 | 22-23cm/ 9 in | Neoprene, textile | 5 |
| GL02Z | 10 | 24-25cm/ 10 in | Neoprene, textile | 5 |



NEOPRENE GLOVES

★★

Gloves for window cleaning. Rubber Neoprene.

- Tear resistant stitching and glue seal along seams for durability
- Soft and comfortable on inside
- Non slip palm for secure grip
- Adjustable hooks & loops wrist strap

| Part No. | Size | Hand circumference | Material | Pack |
|----------|------|--------------------|----------------------|------|
| GLOV1 | 7 | 18-19cm/ 7 in | Neoprene, rubberized | 10 |
| GLOV2 | 8 | 20-21cm/ 8 in | Neoprene, rubberized | 10 |
| GLOV3 | 9 | 22-23cm/ 9 in | Neoprene, rubberized | 10 |
| GLOV4 | 10 | 24-25cm/ 10 in | Neoprene, rubberized | 10 |

i IDENTIFY YOUR GLOVE SIZE:

Measure the circumference of your hand at the widest point, right under the knuckles, excluding thumb.

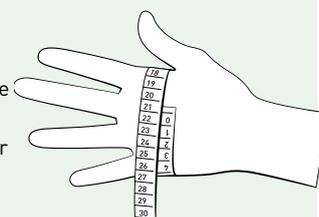
Check our size guide charts on the right to identify your glove size.

ATTENTION: Neoprene gloves

run up to one size smaller. Our recommendation: Order one size larger than you usually wear.

The tables provide guidelines for your glove size.

We always recommend trying them on before buying!



* Palm: 50 % polyester, 50 % polyethylene; Back of the hand: 50 % nylon, 50 % polyethylene

TRADITIONAL WINDOW CLEANING WINDOW CLEANING KITS

The new glass cleaning kits -
top equipment for every need



AK011A

- High-quality, attractive packaging
- Including detailed instructions for professional window cleaning
- All products in the kit are fully assembled
- Comprehensive sales support available for online sales.
- Three quality levels and equipment - the right one for every need.

The attractive kit scores points on the shelf and in online sales

ERGOtec®

★★★

NEW!



Professional glass cleaning kits with high-quality ErgoTec® products for professional glass and building cleaners - ergonomic and efficient.

ErgoTec® Squeegee now with green rubber
ErgoTec® Washer now with Power sleeve



AK015

Illustration similar

| ErgoTec® KITS | STARTER KIT | ADVANCED KIT | COMPLETE KIT |
|---|-------------|--------------|--------------|
| | 2in1 | 3in1 | 6in1 |
| Content: | | | |
| ES350 ErgoTec® Squeegee 35cm / 14in NEW: with green rubber (RR35G) | ✓ | ✓ | ✓ |
| EH350 ErgoTec® T-Bar 35cm / 14in NEW: with Power Sleeve (BS350) | ✓ | ✓ | ✓ |
| QB120 Bucket 18 L | | ✓ | ✓ |
| FR100 UNGER Liquid 1 L soap | | | ✓ |
| SR03K ErgoTec® Safety Scraper 4 cm / 2 in | | | ✓ |
| MF40L MicroWipe Microfibre Cloth 40 x 40 cm / 60 x 60in | | | ✓ |
| Part No. | AK011A | AK013 | AK015 |

TRADITIONAL WINDOW CLEANING WINDOW CLEANING KITS

UNGER

Quality Tools for Smart Cleaning

**ERGOtec®
NINJA**



NEW!
from february 2022



Premium glass cleaning kit with NINJA high-performance tools for versatile cleaning tasks -
Top performance for the professional glass and window cleaner.



Illustration similar

ErgoTec® NINJA KIT

Content:

4 in 1

| | | |
|-------|---|---|
| EN350 | NINJA Squeegee 35 cm / 14 in | ✓ |
| NA350 | NINJA Washer complete, 35 cm / 14 in | ✓ |
| MN40H | NINJA MicroWipe Microfibre Cloth 40 x 40 cm / 60 x 60in | ✓ |
| BB010 | NINJA Bucket on a Belt | ✓ |

Part No. AKN12

PRO WINDOW CLEANING



NEW!



Glass cleaning kit with tools for streak-free window cleaning.



Illustration similar

PRO WINDOW CLEANING KIT

Content:

4 in 1

| | | |
|-------|--|---|
| SE350 | S-Squeegee 35 cm / 14 in | ✓ |
| ON350 | UniTec Washer 35 cm / 14 in with UniTec sleeve (OE350) | ✓ |
| SR20K | Safety Scraper 4 cm / 2 in | ✓ |
| ME40B | MicroWipe Lite Microfibre Cloth 40x40 cm / 60 x 60in | ✓ |

Part No. AKG14

TRADITIONAL WINDOW CLEANING

WINDOW CLEANING KITS



Illustration similar

ErgoTec® SET

★★★

Top of the range complete glass cleaning kit.

Contains comprehensive selection of ErgoTec® tools for professional glass cleaning. The extensive products are completely housed in a sturdy nylon carrier bag.

Content

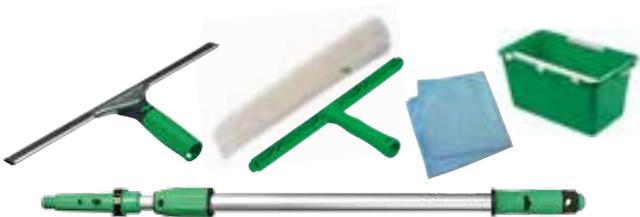
| | |
|-------|---|
| MF40L | [3 x] MicroWipe Microfibre Cloth, 40 x 40 cm / 16x16 in |
| ETG00 | ErgoTec® Squeegee Handle |
| NS350 | StripWasher® Micro Sleeve, 35 cm / 14 in |
| EH350 | ErgoTec® T-bar, 35 cm / 14 in |
| SH000 | ErgoTec® Scraper, 10 cm / 4 in |
| PCLIP | Plastic Clips |
| RR920 | Soft Rubber, 92 cm / 36 in |
| SR03K | ErgoTec® Safety Scraper |
| NE250 | S-Channel with Soft Rubber, 25 cm / 10 in |
| NE350 | S-Channel with Soft Rubber, 35 cm / 14 in |
| NE450 | S-Channel with Soft Rubber, 45 cm / 18 in |
| EZ250 | OptiLoc Telescopic pole, 2 sections, 2.50 m / 8 ft |
| | 1 x UNGER Liquid Sample |

Part No.

Pack

ETSET

1



CONTRACTOR WINDOW CLEANER KIT

★★★

Content

| | |
|-------|--|
| 16690 | Small Bucket 18 Ltr |
| EZ120 | OptiLoc 2 Sections 1.25 m / 4 ft |
| OE350 | StripWasher® UniTec TBar 35 cm / 14 in |
| LB350 | Washer Sleeve, 35 cm / 14 in |
| MF40E | MicroWipe Lite Cloth, Large |
| NE350 | S-Channel, 35 cm / 14 in |
| ETG00 | ErgoTec Squeegee Handle |

Part No.

Pack

AK285

1



Illustration similar

TRANSET

★★

Glass cleaning kit

Contains a basic set of tools for professional glass cleaning for beginners. The products are stored in a sturdy nylon carrier bag.

Content

| | |
|-------|--|
| PR000 | Pro-Squeegee Handle |
| NE250 | S-Channel with Soft Rubber, 25 cm / 10 in |
| NE350 | S-Channel with Soft Rubber, 35 cm / 14 in |
| NE450 | S-Channel with Soft Rubber, 45 cm / 18 in |
| RR920 | Soft Rubber, 92 cm / 36 in |
| WC350 | StripWasher® Original Strip Pac, 35 cm / 14 in |
| EZ250 | OptiLoc Telescopic Pole, 2 sections, 2.50 m / 8 ft |
| FIX10 | FIXI Clamp |
| HBR00 | FIXI Brush |
| SP010 | FIXI Sponge |
| SR20K | Safety Scraper |
| TX100 | ProTRIM10 Scraper |

Part No.

Pack

TRS00

1



VALUE WINDOW CLEANER KIT

★★

Content

| | |
|-------|---|
| 16690 | Small Bucket 18 Ltr |
| EZ120 | OptiLoc 2 Sections 1.25 m / 4 ft |
| OE350 | StripWasher® UniTec T-Bar 35 cm / 14 in |
| LB350 | Washer Sleeve, 35 cm / 14 in |
| MF40E | MicroWipe Lite, Small |
| US300 | UniTec Squeegee Lite 30 cm / 12 in |

Part No.

Pack

AK284

1



WINDOW CLEANING STARTER KIT

★

Content

| | |
|-------|--|
| 16690 | Small Bucket 18 Ltr |
| EZ250 | OptiLoc 2 Sections 2.50 m / 8 ft |
| OE350 | StripWasher® UniTec T-Bar 35 cm / 14 in |
| ON350 | StripWasher® UniTec Sleeve 35 cm / 14 in |
| US300 | UniTec Squeegee Lite 30 cm / 12 in |

Part No.

Pack

AK280

1

STINGRAY

The most efficient indoor cleaning tool ever!

Recent research indicates that when cleaning indoor windows, cleaning professionals face 2 key challenges – efficiency and safety. Current tools lead to time consuming issues, like re-arranging of furniture and reaching high or unusually positioned windows*. Current solutions to these issues lead to more wasted time and the risks associated with the use of ladders. Moreover, for the least experienced need for intensive staff training create additional problems. Introducing the revolutionary **UNGER Stingray**, the most efficient indoor cleaning tool ever. It cleans windows up to 25 % faster and uses up to 39 % less chemical than traditional methods.**

The **UNGER Stingray** system stands for excellent results even without professional window cleaning experience. Its highly intuitive design requires minimal operator training and it is suitable for most washable surfaces!

Increased productivity, greater cost efficiency and sustainability because:

- ▶ 25% faster than traditional methods**
- ▶ 39 % less liquid consumption**
- ▶ Numerous ergonomic benefits improve workers' comfort and safety – less downtime and health risks!
- ▶ Perfect for daytime cleaning: no drips and no runs = no mess and health risks!

*Source: Market Research – Professional Window Cleaners. Germany/UK, 2015, SR Strategy Routes

**compared to traditional spray and cloth cleaning [Source: "Interior Glass Cleaning", 16.07.15, Sabine R. Mück, Hygiene Consult Mück]



INDOOR WINDOW CLEANING

INDOOR WINDOW CLEANING STINGRAY SYSTEM

► **FASTER**

25 % faster than traditional methods**

- **One step** “Apply and Clean” Technology
- Microfibre **TriPad** for simultaneous cleaning of windows & frames
- Enclosed spray nozzle design prevents over-spraying, eliminating drips, streaks and the rework associated with wet window sills
- 15 % larger pad size saves time via reduced frequency of pad change (compared to traditional pads e.g. **UNGER** PHL20)



► **TOTAL FLEXIBILITY**

Mastering every challenge with a single tool

- Unique triangular **TriPad** shape makes it easy to clean corners and other hard to reach areas
- **Easy-Click-Pole technology** – simply add on another pole extension to reach heights of up to 5 m / 16 ft!



► **ERGONOMIC AND SAFE**

Comfortable and safe working up to 5 m / 16 ft

- Enclosed spray nozzle prevents inhalation of cleaning liquid
- Triangular pole shape facilitates enhanced grip for perfect control
- Stingray’s weight distribution is towards the cleaning surface, so it is easy to use and minimizes back strain
- Battery powered sprayer helps to reduce operator fatigue



► **INCREDIBLE EASE-OF-USE**

Professional results with minimal training

- **Stingray**: Ready-to-use, easily replaceable pouches, pre-filled with professional glass cleaner
- **Stingray OS**: Removable tank. Can be quickly and flexibly filled with all alcohol-based glass and surface cleaners and with pure water
- Spray activation button on each **Easy-Click-Pole** as well as on the handheld unit – press & play!
- **QuikPad** Fast change + prevents cross-contamination

INDOOR WINDOW CLEANING STINGRAY SYSTEM



Quality Tools for Smart Cleaning

Stingray OS - More flexible than ever

Stingray OS with removable tank.

Can be filled with alcohol-based glass and surface cleaners and with pure water



REMOVABLE TANK

- Can be filled with alcohol-based glass and surface cleaners and with pure water
- Large opening for easy filling: ready to use in seconds
- 150 ml tank can cover up to 150 m²



Stingray INDOOR CLEANING KIT 100 OS

Stingray OS with one short Easy-Click-Pole

Contents: 1 × Handheld unit (includes 2 × Alkaline AA batteries)
1 × SREXS Easy-Click-Pole-short
2 × SRPD2 Deep Cleaning Microfibre TriPads*

| Part No. | Size | Pack |
|----------|------------------------------------|------|
| SRK02 | up to 1 m / 3 ft length (extended) | 1 |



Stingray INDOOR CLEANING KIT 330 OS

Stingray OS with two long and one short Easy-Click-Poles

Contents: 1 × Handheld unit (includes 2 × Alkaline AA batteries)
2 × SREXL Easy-Click-Poles-long, 1 × SREXS Easy-Click-Pole-short
2 × SRPD2 Deep Cleaning Microfibre TriPads*

| Part No. | Size | Pack |
|----------|--|------|
| SRK03 | up to 3.27 m / 11 ft length (extended) | 1 |

Stingray OS TANK



Removable 150 ml tank.

- Double intake manifold for perfect function at every angle
- Drip-proof due to integrated leakage protection

| Part No. | Size | Pack |
|----------|--------|------|
| SRBT1 | 150 ml | 1 |



Stingray INDOOR CLEANING KIT 450 OS

Stingray OS with one short + three long Easy-Click-Poles

Contents: 1 × Handheld unit (includes 2 × Alkaline AA batteries)
3 × SREXL Easy-Click-Poles-long, 1 × SREXS Easy-Click-Pole-short
2 × SRPD2 Deep Cleaning Microfibre TriPads*, 1 × SRBAG Bag

| Part No. | Size | Pack |
|----------|--|------|
| SRK0H | up to 4.37 m / 14 ft length (extended) | 1 |

*90 % polyester, 10 % polyamide

INDOOR WINDOW CLEANING STINGRAY SYSTEM



Stingray GLASS DEEP CLEANING TRIPAD

Microfibre Cleaning Pads

- Superb cleaning power thanks to premium microfibre
- Including colour coding stripes
- Elastic bands for secure fit and easy assembly
- 5 pads in a box (= minimum order quantity)
- Size: 10 x 10 x 10 x 1 in, machine washable up to 300 times

| Part No. | Material | Pack |
|----------|--------------------------------|------|
| SRPD2 | 90 % polyester, 10 % polyamide | 5 |



Stingray QUIKPADS

Hygienically clean without having to launder

- Quickly and safely removes fingerprints, grease, etc.
- Optimal for preventing cross contamination
- Coverage per QuikPad: 15 m²
- 3-layer construction: cleaning layer, absorbent core, and fastening layer
- Adapterplate (SRADK) for subsequent conversion of Stingray hand tools
- Quick and easy pad change

| Part No. | Version | Material | Pack |
|----------|----------------------------|------------------------------|------|
| SRADK | 1 x Adapter, 25 x QuikPads | 54 % polyester, 46 % viscose | 1 |
| SRPD3 | Pack of 25 | 54 % polyester, 46 % viscose | 1 |
| SRPD4 | Pack of 100 | 54 % polyester, 46 % viscose | 1 |



Stingray QUIK PAD KIT 160 OS

Stingray with one long Easy-Click-Pole

- Contents:** 1x Handheld unit (includes 2 x Alkaline AA batteries)
1x SREXL Easy-Click-Pole-long
1x SRADK Adapter with 25 QuikPads

| Part No. | Size | Pack |
|----------|---|------|
| SRKOD | up to 1.66 m / 5.5 ft length (extended) | 1 |



Stingray GLASS CLEANER

Professional Glass Cleaner powered by 3M Scotchgard™

- Easy gliding, quick drying - high efficiency
- Cleaning power up to 150 m² (at low to medium polluted surfaces)
- Cleans and protects glass and other silica-based surfaces such as uncoated granite, ceramic and porcelain
- Also cleans but may not protect other surfaces such as stainless steel, chrome, aluminum, plastic, acrylic glass, etc.
- 24 pouches (150 ml) in a box (= minimum order quantity)

| Part No. | Content | Pack |
|----------|---------|------|
| SRL01 | 150 ml | 24 |



Stingray OS GLASS CLEANER

Professional Glass Cleaner

- Excellent cleaning power for glass, mirrors, and other waterproof surfaces
- Easy removal of fingerprints, grease, and other dirt
- Fast and streak-free drying

| Part No. | Content | Pack |
|----------|---------|------|
| SRL03 | 0.5 l | 10 |



Stingray EASY-CLICK-POLES

Extends the Stingray unit by 1.24 m

- Reinforced for a working height of up to 5 m.
- Triangular shape for enhanced grip
- Light, rigid aluminium, features Easy-Click mechanism and spray activation button

| Part No. | Size | Pack |
|----------|---------------|------|
| SREXS | 0.63 m / 2 ft | 1 |
| SREXL | 1.24 m / 4 ft | 1 |



Stingray BAG

Lightweight nylon bag for storage and transportation of your complete Stingray System.

- Zip fastening allows bag to open flat
- Multiple fasteners and pockets for additional tools

| Part No. | Size | Pack |
|----------|----------------------------------|------|
| SRBAG | 130 x 33 x 5 cm / 52 x 13 x 2 in | 1 |



INDOOR WINDOW CLEANING CLEANING SYSTEM



MICROFIBRE CLEANING PAD

Extra smooth, easy glide microfibre pad for regular cleaning.

- Removes dust, fingerprints, grease and other light dirt from glass
- Strong hooks & loops backing for attaching to Pad Holders PHH20 and PHD20

| Part No. | Size | Material | Pack |
|----------|---------------|--------------------------------|------|
| PHL20 | 27 cm / 11 in | 70 % polyester, 30 % polyamide | 5 |



MICROFIBRE POLISH PAD

Microfibre polish pad for regular cleaning.

- Removes dust, fingerprints, grease and other light dirt from glass and mirrors
- Strong hooks & loops backing for attaching to Pad Holder PHH20 & PHD20

| Part No. | Size | Material | Pack |
|----------|---------------|--------------------------------|------|
| PHP20 | 27 cm / 11 in | 70 % polyester, 30 % polyamide | 5 |



MICROFIBRE WASH PAD

Microfibre wash pad for periodic washing and heavy soil.

- 15 mm long, thick fibres easily remove tough dirt
- Strong hooks & loops backing for attaching to Pad Holder PHH20 & PHD20

| Part No. | Size | Material | Pack |
|----------|---------------|--------------------|------|
| PHW20 | 29 cm / 12 in | 100 % polyethylene | 5 |



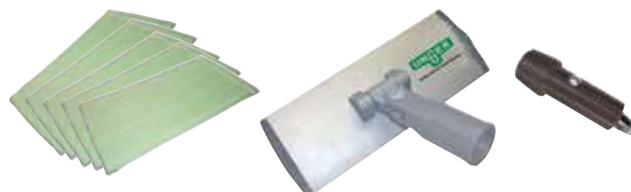
SCRUB PAD, WHITE

Abrasive scrub pad for removing tough dirt.

- Removes stubborn dirt, ideal for outdoor cleaning
- Reliably sticks to the backing of Pad Holder PHH20 & PHD20

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| OPS20 | 25 cm / 10 in | 100 % polyester | 10 |

STARTER SET



INDOOR CLEANING STARTER SET

Content:
 PHL20 (5x) Microfibre Cleaning Pad 27 cm / 11 in
 PHH20 Pad Holder 24 cm / 9.5 in
 AFAET Thread adapter for Alu-Poles

| Part No. | Pack |
|----------|------|
| PFK20 | 1 |



PAD HOLDER (HANDHELD)

Aluminium handheld holder for indoor cleaning pads.

- Hooks & loops backing for attaching the pads
- Designed to enable perfect pressure application for thorough and precise cleaning
- Easy to use

| Part No. | Size | Pack |
|----------|----------------|------|
| PHD20 | 24 cm / 9.5 in | 5 |



PAD HOLDER

Aluminium swivel head holder for indoor cleaning pads.

- Hooks & loops backing for attaching the pads
- Swivel function allows access to hard to reach places
- Fits securely on all UNGER poles with thread

| Part No. | Size | Pack |
|----------|----------------|------|
| PHH20 | 24 cm / 9.5 in | 5 |



THREAD ADAPTER FOR ALU-POLES

Anodized aluminium adapter for fitting the Pad Holder to aluminium poles.

- Fits into any UNGER aluminium pole with 21mm diameter - just click in
- Enables connection between aluminium poles and MultiLink Goosenecks, Extensions and Brushes

| Part No. | Pack |
|----------|------|
| AFAET | 5 |



SPRAYER ON A BELT

Fits to the belt for optimum weight support.

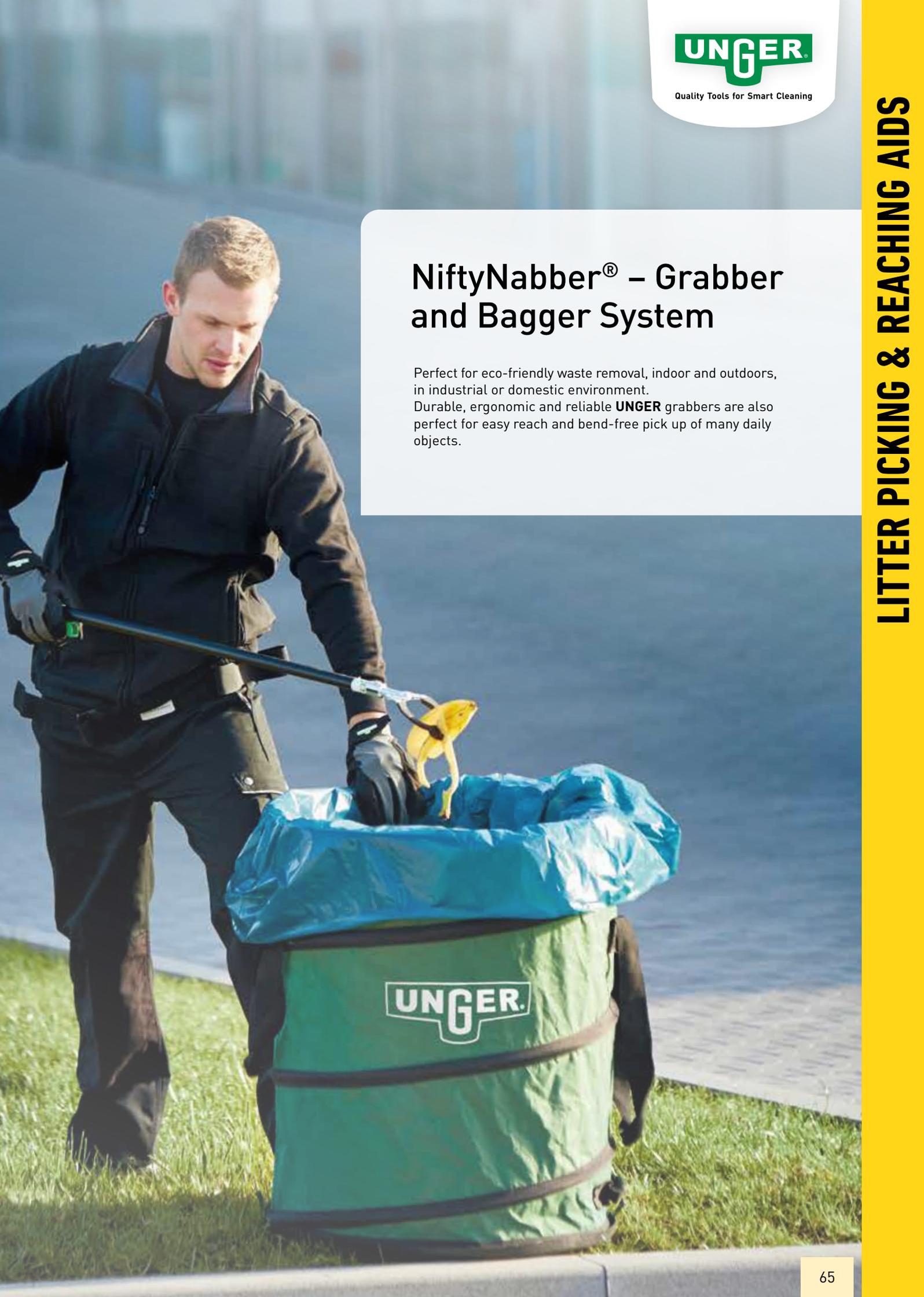
- Flexible hose allows upside down spraying
- 1 l bottle included
- Compatible with standard bottles
- Includes colour coding labels

| Part No. | Content | Pack |
|----------|---------|------|
| SOABG | 1 l | 5 |

NiftyNabber® – Grabber and Bagger System

Perfect for eco-friendly waste removal, indoor and outdoors, in industrial or domestic environment.

Durable, ergonomic and reliable **UNGER** grabbers are also perfect for easy reach and bend-free pick up of many daily objects.



UNGER.

LITTER PICKING & REACHING AIDS

Nifty Nabber® Trigger Grip

Durable litter picker with a strong internal metal bar, a 360° fully rotating head and a highly responsive trigger grip handle. Available in 4 lengths.

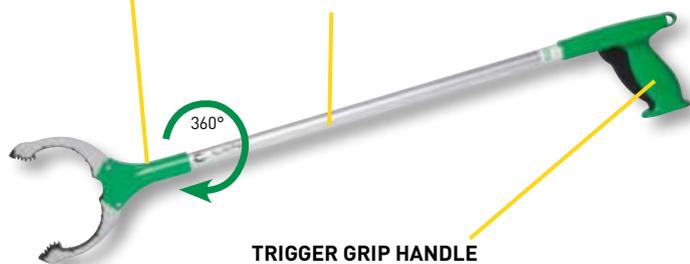


ROTATING HEAD

- Access narrow areas with 360° rotating head.
- Locks securely every 90°.

ROBUST METAL BAR INSIDE

- For extra durability and grab power.
- Will not stretch or snap, like string mechanism on other grabbers.
- Durable and rust-resistant. Lightweight, designed to decrease fatigue.



TRIGGER GRIP HANDLE

- Responsive mechanism for greater comfort.
- Made with glass-reinforced plastic for increased durability.



RUBBER CLAWS WITH MAGNETIC TIP

- Reliable grip even with most difficult shapes.
- Opens up to 10 cm wide and holds items up to 4.5 kg.
- Hold items with the claw's magnetic tip – like coins and cans!

Nifty Nabber® Pro

A heavy duty litter picker with a strong internal metal bar, powerful claws and robust steel shaft. Available in 4 lengths, including 2.38 m long reach version!

STEEL CLAWS

- Molded rubber overlay for an extra-secure grip.
- Powerful hold of small or oddly shaped objects – broken glass, cigarettes or coins.
- Opens up to 15 cm wide.



ERGONOMIC HANDLE

- Comfortable pressure handle – creates high pressure to hold dirt without tiring your hand.
- The handle design keeps your hand and arm in an optimum position to pick up objects from the floor.

RUGGED DESIGN

- Shaft made from durable steel with rust resistant coating for dependable use over long time.
- Strong enough for heavy-duty work, light enough to protect from back and arm strain.
- Overall steel construction wears well under the rigours of every day use.

NiftyNabber® TRIGGER GRIP

| Part No. | Size | Pack |
|----------|----------------|------|
| NT060 | 63 cm / 24 in | 5 |
| NT080 | 83 cm / 32 in | 5 |
| NT090 | 93 cm / 36 in | 5 |
| NT100 | 102 cm / 40 in | 5 |



NiftyNabber® PRO

| Part No. | Size | Pack |
|----------|----------------|------|
| NN400 | 52 cm / 20 in | 5 |
| NN900 | 97 cm / 38 in | 10 |
| NN140 | 130 cm / 51 in | 5 |
| NN960 | 238 cm / 94 in | 6 |



Paper Picker

A lightweight tool with a strong metal pin for removing debris such as paper and cans.

ERGONOMIC DESIGN

- No bending or back strain.
- Handle design positions arm and hand in the optimal position for reaching debris.



LIGHTWEIGHT SHAFT

- Rust resistant.

STRONG METAL PIN

- Long enough for picking up several pieces of debris at once.
- Will punch through and hold even thick, aluminium cans.

Nifty Nabber® Bagger

A durable and weatherproof waste carrier for 180 l bags that is a great multi-tasking alternative to plastic bags and the perfect companion to **UNGER**'s super tough litter pickers.

ERGONOMIC

- Allows to avoid unnecessary bending or lifting heavy bags.
- Always open for easy and safe access without touching litter.
- Made of robust material for reduced injury risk from sharp waste.



ROBUST

- Can be pulled across the floor, asphalt or ground due to solid plastic bottom and carry loops.
- Protects plastic bags from splitting.

PRACTICAL

- Allows to avoid unnecessary bending or lifting heavy bags.
- Always open for easy and safe access without touching litter.
- Made of robust material for reduced injury risk from sharp waste.



PAPER PICKER

| Part No. | Size | Pack |
|----------|----------------------------------|------|
| PPPP0 | 100 cm / 40 in | 10 |
| PINP0 | Replacement Pin Plugs for Picker | 10 |

NiftyNabber® BAGGER

| Part No. | Size | Ø | Height | Colour | Pack |
|----------|-------|---------------|---------------|--------|------|
| NB300 | 151 l | 55 cm / 22 in | 68 cm / 27 in | ● | 1 |





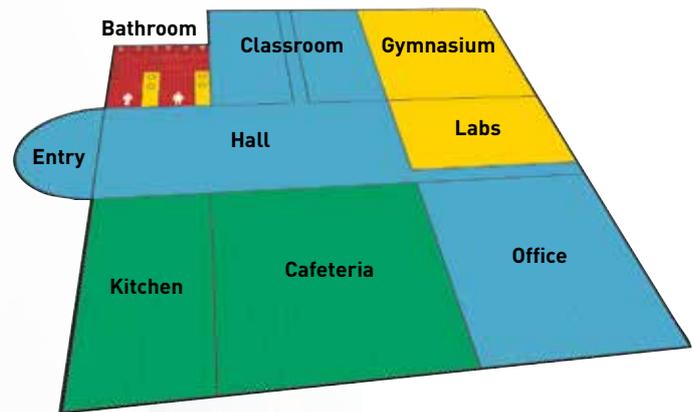
Professional Tools for daily and project cleaning tasks

Efficient, Ergonomic, Hygienic

UNGER Maintenance Cleaning tools provide simple solutions for many cleaning tasks. They help professionals to perform their job better, faster and easier.

Their ergonomic design and state of the art functionality ensure full compliance with modern cleaning requirements.

COLOUR CODING Products are coded or can be coded for usage in specific area.



RECOMMENDED USAGE

- General Washroom
- Clinical
- Food and Bar Area
- General Low Risk Area
- Bespoke or Site Specific

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FLOOR SQUEEGEES, FLOOR HANDLES, FLOOR SCRAPERS p. 78

MICROFIBRE CLOTH SYSTEM p. 82

DUSTING & BRUSHES p. 84

BATHROOM CLEANING p. 86

FLOOR CLEANING erGO! clean



erGO! clean

Feel the intuitive motion

Discover the intuitive S-shape motion with minimal effort: the ultrafast floor cleaning system

Dirt and contamination can quickly be caused by minor mishaps in day-to-day business life. A drink spill on the floor does not create a good impression and, in the worst-case scenario, if someone stands in it, it may well be spread elsewhere. Precious time passes before the cleaning staff can get their cleaning tools together and be on-site. But the **UNGER erGO! clean** – being fast, ergonomic and professional – will put an end to this.



READY-TO-GO AT ANY TIME AND ANYWHERE

- Ready-to-use immediately
- No lengthy preparation, such as filling buckets, required
- Cleaning chemicals can be replaced in a matter of seconds.

INCREASED PRODUCTIVITY WITH FATIGUE-FREE WORK

- Reduces the extreme strain placed upon employees and prevents work-related musculoskeletal diseases
- No lifting and carrying of heavy buckets
- Significantly less effort required for use

A TOP-QUALITY PROFESSIONAL TOOL

- First-class materials guaranteeing a long service life
- Robust tool for long-term use
- Sophisticated product design for intuitive handling



Tested by:



FLOOR CLEANING & FLOOR FINISHING

erGO! clean & erGO!wax

UNGER

Quality Tools for Smart Cleaning

erGO! clean

The intuitive S-motion now in series!

Performance without limits!

After the great success of the erGO! clean with integrated trigger and detachable tank, our back and joint friendly innovation is now compatible with all UNGER floor cleaning systems: The S-Telescopic pole.



erGO! wax

More efficient than ever before!

Ultra-fast & ergonomic with just one person

Professionally coat resilient floor coverings such as linoleum and PVC. Work with the UNGER erGO! wax floor coating system continuously and without any interruption thanks to the backpack with 5-liter capacity. Achieve perfect working results with an even application of the cleaning agent by the blockage-free pulse spray system – which also guarantees precise dosing.

The telescopic handle of the UNGER erGO! wax floor coating system can be precisely adjusted to the height of the operator which protects his/her back during cleaning work. The rotateable grip ensures an easy and stress reducing working movement. Available in S-curved and straight version.



Backpack, incl. Replacement Pouch, Hose and Pulse-Jet-Unit

INCREASED PRODUCTIVITY THANKS TO CONTINUOUS WORK WITHOUT INTERRUPTION

- Finishing work with just one person
- No lifting or carrying heavy buckets
- Protects employees against high levels of strain and job-related diseases of the musculoskeletal system

A PROFESSIONAL TOOL GUARANTEEING TOP WORKING RESULTS

- Lint free and non-soaking sleeve for easy and perfect distribution of the finishing fluid

FLOOR CLEANING

erGO! clean & erGO! wax



- The **UNGER erGO! clean** Floor Cleaning system with its **unique features** has been designed to:
1. **Improve EFFICIENCY** by helping people do the job, save as much time as possible and reduce cleaning costs
 2. Ensures the products **are as SAFE as possible**
 3. And makes sure that **the end result is as CLEAN as possible**

erGO! clean



erGO! clean KITS

| Product/PART. NO | Floor-Cleaning-Kit Pad Mop FAKT1 | Floor-Cleaning-Kit Pad Mop PRO FAKT2 |
|---|-------------------------------------|---|
| S-Telescopic Handle FAEPL | | ✓ |
| Telescopic Handle FASPL | ✓ | |
| Mop Pad Holder & Pad Mop 40 cm FAVMH / FAVMC | ✓ | ✓ |
| Tank 500 ml & Colour Coding Rings FABTS / FAORS | ✓ | |
| Tank 1,000 ml & Colour Coding Rings FABTL / FAORS | | ✓ |

FLOOR CLEANING KIT PAD MOP (#FAKT1)

Kit FAKT1 includes:

Telescopic Handle (FASPL)

- Adjusts to the height of each user
- Integrated trigger dispenses liquid quickly

Detachable 500 ml bottle (FABTS)

- Including colour coding rings

Microfibre Pad Mop (FAVMC)

- With colour coding tabs

Aluminium Pad Mop Holder (FAVMH)

- Quick & easy Mop change



FLOOR CLEANING KIT PAD MOP PRO (#FAKT2)

Kit FAKT2 includes:

S-Telescopic Handle (FAEPL)

- Adjusts to the height of each user
- Integrated trigger dispenses liquid quickly
- With auto-drive rotating grips reduces stress & strains

Interchangeable

1 litre bottle (FABTL)

- Including colour coding rings

Microfibre Pad Mop (FAVMC)

- With colour coding tabs

Aluminium

Pad Mop Holder (FAVMH)

- Quick & easy Mop change



erGO! clean

erGO! clean KITS

| Product/PART. NO | Flat Mop Starter Kit FAKT8 | Pocket Mop Complete Kit FAKT9 | Cleaning Pad Complete Kit FAKT10 |
|---|-------------------------------|----------------------------------|-------------------------------------|
| S-Telescopic pole without trigger FAPLW | ✓ | ✓ | ✓ |
| Pocket mop holder 40 cm FAPMH | ✓ | ✓ | |
| Flat mop 40 cm FAPML | ✓ | | |
| Pocket mop 40 cm FAPMM | | ✓ | |
| Mop Pad Holder 40 cm FAVMH | | | ✓ |
| Cleaning Pad 40 cm FAVMC | | | ✓ |
| SmartColor Combo 15L, grey COMSG | ✓ | | |



erGO! TELESCOPIC HANDLE

Ergonomic floor handle with rotateable grip

- FAEPL/FAPLW: Supports intuitive S-shape motions
- FAEPL/FASPL: Blockage-free pulse jet system for precise dosing and integrated dosing lever

| Part No. | Size | Version | Pack |
|----------|---------------------|-------------------------|------|
| FAPLW | 1.30-1.70m/4-5.5 in | S-Shape w/o tank | 1 |
| FAEPL | 1.30-1.70m/4-5.5 in | S-Shape w/ tank holder | 1 |
| FASPL | 1.30-1.70m/4-5.5 in | Straight w/ tank holder | 1 |

erGO! MOP HOLDERS



Cleaning Pad and Pocket Mop Holders 40 cm

- Cleaning Pad: for any looped pile flat mop, quick & easy operation
- Pocket: for any standard pocket mop or UNGER flat mop
- Click connection for erGO! handles

| Part No. | Size | Version | Pack |
|----------|---------------|--------------|------|
| FAVMH | 40 cm / 16 in | Cleaning Pad | 5 |
| FAPMH | 40 cm / 16 in | Pocket Mop | 5 |



erGO! CLEANING MOPS

Cleaning Pad, Pocket- and Flat Mop 40 cm

- High quality microfibre pile mops for easy glide and superb cleaning action
- Compatible to all standard systems
- Incl. colour coding stripes

| Part No. | Size | Product | Pack |
|----------|---------------|---------------|------|
| FAVMC | 40 cm / 16 in | Cleaning Pad* | 5 |
| FAPMM | 40 cm / 16 in | Pocket Mop* | 5 |
| FAPML | 40 cm / 16 in | Flat Mop* | 5 |

*100 % polyester microfibre

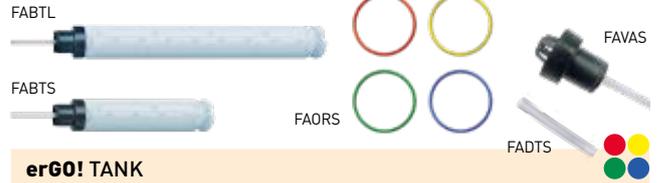
erGO! DISPOSABLE PAD MOPS

For hygienic cleaning and disinfection.

- No washing and preparation of mops necessary
- Material with high fluid absorption - versatile application
- Avoids cross-contamination when changing mops after use
- Uniform application of surface disinfectants
- Hooks & Loops backs for all common Cleaning Pad holders such as erGO! (FAVMH) or DampMop Pad holder (SV40G)

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| DMWS2D | 40 cm / 16 in | Blended fabric* | 50 |

*38 % polyester, 22 % viscose, 40 % other synthetic materials



erGO! TANK

Easy connection tanks for erGO! handles

- 2 versions 500 ml or 1,000 ml capacity
- Including unscrewable pulse jet unit
- Easy to fill, easy to assemble and to the handle

| Part No. | Size | Product | Pack |
|----------|-------------------|---------------------|------|
| FABTL | 1,000 ml | Big Tank | 1 |
| FABTS | 500 ml | Small Tank | 1 |
| FAORS | 1 pack = 4 pieces | Colour Coding Rings | 1 |
| FAVAS | | Pulse Jet Unit | 1 |
| FADTS | 1 pack = 5 pieces | Dispenser tube | 1 |

erGO! WonderWaxer HOLDER



Light aluminium holder for WonderWaxer sleeve 40 cm

- Stabilisation hooks for straight fit of the sleeve
- For floor finishing
- Click connection for erGO! handles

| Part No. | Size | Pack |
|----------|---------------|------|
| QS020 | 40 cm / 16 in | 5 |



erGO! WAX SLEEVE/FINISHING PAD

WonderWaxer sleeve and Finishing Pad 40 cm

- Perfect for finishing floors
- Distributing wax without soaking it up
- Up to 300 wash cycles
- Lint-free material for perfect results

| Part No. | Size | Product | Pack |
|----------|---------------|----------------|------|
| QS010 | 40 cm / 16 in | WonderWaxer** | 10 |
| FAVMF | 40 cm / 16 in | Finishing Pad* | 5 |

**100 % polyester microfibre

*65 % polypropylene, 35 % polyester



erGO! BACKPACK 5 L

For transportation of finishing or cleaning chemicals

- Strong nylon backpack with solid 5 l plastic pouch
- Available filling utilities like hose and canister valves
- Connection hose incl. pulse-jet-unit to connect the backpack with the erGO! handle

| Part No. | Size | Product | Pack |
|----------|------|-----------------|------|
| FABAP | | Backpack | 1 |
| FABAR | 5 l | Pouch | 5 |
| FABAH | | Connection Hose | 1 |
| FABAK | | Refill Kit | 1 |

FLOOR CLEANING

DOUBLE BUCKET



Floor cleaning more efficient, hygienic and safer than ever before

- Compact and lightweight double bucket for damp and wet mopping of floors.
- Ergonomic floor mopping and wringing out of the mop without bending down.
- The intuitive two-chamber system ensures hygienic cleaning results by excluding the re-application of the dirty water.
- Effective mop preparation with visual inspection – without touching it.

HYGIENIC CLEANING AND HIGHER PRODUCTIVITY



Hygiene: 2 times more effective at removing microbes* than traditional floor cleaning systems.



Efficiency: Over 40 % faster* than conventional floor cleaning systems



Safety: Cleaned surfaces dry twice as fast* and therefore minimize the risk of accidents

*Independent test report from Sitemark® FM Best Practice Benchmarking, September 2020



PATENTED WRINGING MECHANISM

removes any remaining dirt particles from the microfibre pad, thus ensuring clean water and increased cleaning performance

ERGONOMIC POLE

height-adjustable and anti-slip handles with soft zones

BUCKET FOR CLEAN WATER

Guidance with splash protection prevents spilling over during transport

SCRUB BOARD

removes dust and other debris from the microfibre pad before wringing

BUCKET FOR DIRTY WATER

separate bucket for water with all dirt and dust particles



OmniClean SPOT CLEANING KIT

For selective cleaning of small to medium-sized areas

Content:

- OmniClean S telescopic handle with tank and release mechanism
- OmniClean Pad mop holder 40 cm
- 2 x OmniClean microfibre pads 40 cm (CLMFPD)
- erGO! Tank 1000 ml (FABTL)
- erGO! Tank 500 ml (FABTS)
- Retaining clip for two erGO! Tanks
- OmniClean Cart with curved handle and hanging pocket
- 2 x Storage container
- 6 l bucket with integrated scrub board (dirty water)
- Labels for colour coding
- Telescopic dust pan (EDTBG)

| Part No. | Pack |
|----------|------|
| CLSPKD | 1 |



OmniClean INTENSIVE CLEANING PAD MOP

Microfibre mop 40 cm

- High cleaning power thanks to microfibres and scrubbing fibres
- Hooks & loops back for quick and precise installation on the pad mop holder
- Colour coded stripes for cutting

| Part No. | Dimension | Material | Pack |
|----------|---------------|----------------|------|
| CLMFPD | 40 cm / 16 in | 100% polyester | 5 |

OmniClean DOUBLE BUCKET KIT

For damp and wet mopping of medium to large areas

Content:

- OmniClean Telescopic handle without tank, straight
- OmniClean Pad mop holder 40 cm
- OmniClean Microfibre pad 40 cm (CLMFPD)
- OmniClean Cart with straight handle
- Bucket 6 l (clean water)
- 6 l bucket with integrated scrub board (dirty water)
- Labels for colour coding

| Part No. | Pack |
|----------|------|
| CLBK1D | 1 |

FLOOR CLEANING

DOUBLE BUCKET



Quality Tools for Smart Cleaning



SmartColor COMBO 30 L



Complete dual bucket with press.

- Two compartments keep clean and dirty water separated
- Emptying via drain spout and dump spout
- Labels included for colour coding
- Complete with vertical press
- Available accessories: Adapter hose WH180

| Part No. | Content | Colour | Pack |
|----------|---------|--------|------|
| COMBG | 30 l | ● | 1 |
| COMBR | 30 l | ● | 1 |



SmartColor COMBO 15 L



Compact complete dual bucket with press.

- Two compartments keep clean and dirty water separated
- Labels included for colour coding
- Complete with vertical press
- Available accessories: Adapter hose WH180, side bucket SMSBG

| Part No. | Content | Colour | Pack |
|----------|---------|--------|------|
| COMSG | 15 l | ● | 1 |
| COMSR | 15 l | ● | 1 |



SmartColor FLOOR CLEANING SET



The convenient floor care sets.

- Perfect for professional floor care
- Complete with UNGER SmartColor Mop Holder SM40G and Telescopic Handle
- SF14G Set also includes large 30 l dual bucket
- Select a floor mop from our wide range of colour coded products

| Part No. | MS18G | SM40G | COMBG | Pack |
|----------|-------|-------|-------|------|
| SC14G | ● | ● | | 1 |
| SF14G | ● | ● | ● | 1 |



EASY ADAPTER WATERHOSE

Heavy duty adapter hose for dual bucket.

- Fits on every standard water tap
- Allows for convenient filling of bucket on-site

| Part No. | Size | Pack |
|----------|----------------|------|
| WH180 | 180 cm / 72 in | 10 |



SmartColor CLEANING CART

Complete transportation cart including vinyl trash bag, tool clips and holders

- Drip tray: the base of the cart acts as a drip tray catching excess liquid
- Ergo Handrail: No matter which side of the cart you're on, you can push and pull with ease
- Clip System: Tools are always where they need to be, and always clipped on securely

| Part No. | Content | Pack |
|----------|----------------|------|
| RRCRT | Cart complete | 1 |
| RRMOD | Storage module | 1 |

Delivery time on request



SmartColor SWIVEL BRUSH & SmartColor SWIVEL CORNER BRUSH



Perfect for corners, edges of floors, walls and partitions.

- Durable polypropylene bristles remove even severe dirt
- Swivel head is easy to maneuver and reduces bending and over-reaching
- Angled bristles provide optimal cleaning of corners and edges
- Labels included for colour coding
- ACME threaded handle socket

| Part No. | Size | Pack |
|----------|----------------------|------|
| SB20G | 20 x 8 cm / 8 x 3 in | 10 |
| CB20G | 22 cm / 9 in | 10 |

FLOOR CLEANING

MICROFIBRE MOPS & MOP HOLDER



SmartColor FLAT MOP HOLDER

Swivel head mop holder with the new "no spin" design.

- UNGER mops fit securely with holding clips and can stay on during wringing
- Large surface provides more direct cleaning contact, more scrubbing pressure
- Reduces cleaning time by up to 10 % and reaches in all corners
- Folds at the push of a button, for wringing or replacing mop
- Handle socket for cones or handles with 21 and 23 mm diameter, respectively

| Part No. | Size | Ø | Colour | Pack |
|----------|---------------|-------------------|--------|------|
| SM40G | 40 cm / 16 in | 21-23 cm / 8-9 in | ● | 5 |
| SM40R | 40 cm / 16 in | 21-23 cm / 8-9 in | ● | 5 |



SmartColor MICRO MOP 15.0

Durable microfibre mop, ideal for tiles and stone floors with grout lines.

- Heavy duty 15 mm long fibres with large surface area
- Cut microfibre for improved dirt absorption and streak-free cleaning
- Reduces bacterial contamination by up to 96 %
- Holds 6 times its own weight in water - perfect for cleaning large areas
- Machine washable up to 500 times
- Fits on UNGER Flat Mop Holder SM40G + erGO! Pocket Mop Holder FAPMH

| Part No. | Size | Colour | Material | Pack |
|----------|---------------|--------|-------------|------|
| MM40R | 40 cm / 16 in | ● | Microfibre* | 5 |
| MM40Y | 40 cm / 16 in | ● | Microfibre* | 5 |
| MM400 | 40 cm / 16 in | ● | Microfibre* | 5 |
| MM40B | 40 cm / 16 in | ● | Microfibre* | 5 |

*Support material: 100 % polyester; Fibres: 100 % polyester



SmartColor MICRO MOP 7.0

Microfibre mop, ideal for vinyl or sealed floors without grout lines.

- 7 mm long fibres
- Cut microfibre for improved dirt absorption and streak-free cleaning
- Reduces bacterial contamination by up to 96 %
- Machine washable up to 500 times
- Fits on UNGER Flat Mop Holder SM40G + erGO! Pocket Mop Holder FAPMH

| Part No. | Size | Colour | Material | Pack |
|----------|---------------|--------|-------------|------|
| MD40R | 40 cm / 16 in | ● | Microfibre* | 5 |
| MD40Y | 40 cm / 16 in | ● | Microfibre* | 5 |
| MD400 | 40 cm / 16 in | ● | Microfibre* | 5 |
| MD40B | 40 cm / 16 in | ● | Microfibre* | 5 |

*Support material: 100 % polyester; Fibres: 100 % polyester



SmartColor SPILL MOP 1 L

Microfibre mop for absorption of large amounts of liquid.

- 14 mm long microfibres, extra-large surface
- Absorbs up to 1 l liquid immediately
- Machine washable up to 500 times
- Fits on UNGER Flat Mop Holder SM40G + erGO! Pocket Mop Holder FAPMH

| Part No. | Size | Colour | Material | Pack |
|----------|------------------------|--------|-------------|------|
| MA45R | 47x21 cm / 18.5 x 8 in | ● | Microfibre* | 5 |
| MA45Y | 47x21 cm / 18.5 x 8 in | ● | Microfibre* | 5 |
| MA450 | 47x21 cm / 18.5 x 8 in | ● | Microfibre* | 5 |
| MA45B | 47x21 cm / 18.5 x 8 in | ● | Microfibre* | 5 |

*Support material: 100 % polyester; Fibres: 100 % polyester



BENEFITS OF USING UNGER'S 100 % MICROFIBRE MOPS

- Clean with less water, less chemicals and less streaking
- Reduces bacterial contamination up to 96 % compared to traditional mop heads
- Long lasting and durable, withstands up to 500 wash cycles



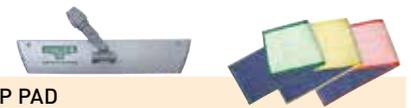
SmartColor DAMP MOP

Microfibre mop for damp cleaning of smooth floors.

- Optimal in areas that need to dry quickly
- Cleans streak-free and uniformly
- High loop density for high absorption and low moisture release
- Machine washable up to 500 times
- Fits on UNGER Flat Mop Holder SM40G + erGO! Pocket Mop Holder FAPMH

| Part No. | Size | Colour | Material | Pack |
|----------|---------------|--------|-------------|------|
| DM40R | 40 cm / 16 in | ● | Microfibre* | 5 |
| DM40Y | 40 cm / 16 in | ● | Microfibre* | 5 |
| DM400 | 40 cm / 16 in | ● | Microfibre* | 5 |

*Support material: 100 % polyester; Fibres: 100 % polyester



SmartColor DAMP MOP PAD

Microfibre pad with high density looped pile for streak free results.

- Machine washable up to 500 times
- Uses less water and solution so floors dry quicker
- Attaches to Pad Holder with hooks & loops backing
- Use with SV40G DampMop Pad Holder or any standard 40 cm Pad Holder + erGO! Pad Mop Holder FAVMH
- Swivel head Pad Holder - glides easily across floors

| Part No. | Size | Colour | Material | Pack |
|----------|---------------|--------|--------------------|------|
| DV40R | 50 cm / 20 in | ● | Microfibre* | 5 |
| DV40Y | 50 cm / 20 in | ● | Microfibre* | 5 |
| DV400 | 50 cm / 20 in | ● | Microfibre* | 5 |
| SV40G | 50 cm / 20 in | | DampMop Pad Holder | 5 |

*Support material: 100 % polyester; Fibres: 100 % polyester

FLOOR CLEANING

MICROFIBRE MOPS & MOP HOLDER



Quality Tools for Smart Cleaning

PRODUCT GUIDE - FLOOR CLEANING - WET & DAMP MOPPING

Our product guide below will help you to identify the best set of tools for keeping the floor perfectly clean.

| Mops / Pads <small>p. 73-76</small> | Ceramic Tiles | Natural Stone (Granite, Marble, Slate) | Flexible Coverings (Linoleum, PVC/Vinyl, Rubber) | Laminate | Parquet / Wood | Specific Cases | | | Mop Holders <small>p. 73-76</small> | Double Buckets <small>p. 74-75</small> |
|---|---------------|--|--|----------|----------------|----------------|-----------------|----------------|---|---|
| | | | | | | Cork | Concrete/Cement | Epoxy Covering | | |
| erGO! clean mops Pocket Flatmop  | ✓ | ✓ | Tiles/ On Roll | ✓ | Sealed* | | ✓ | ✓ | erGO! Pocket Mop Holder | SmartColor COMBO 15 l/30 l |
| SmartColor SPILL MOP 1 l  | ✓ | | | | | | Sealed* | ✓* |  |  |
| SmartColor MICRO MOP 15.0  | ✓ | | On Roll | | | | Sealed* | ✓* | SmartColor MOP HOLDER |  |
| SmartColor MICRO MOP 7.0  | | | On Roll | | Sealed | | Sealed | ✓* |  |  |
| SmartColor DAMP MOP  | | ✓ | Tiles | ✓ | Sealed | ✓ | Sealed | ✓ |  |  |
| String Mop 310 g  | | ✓ | Tiles | ✓* | Sealed* | | Sealed* | ✓* | SmartColor Microfibre String Mop Holder |  |
| String Mop 450 g  | ✓ | | On Roll | | | | Sealed* | |  |  |
| erGO! clean Mop Pad  | ✓ | ✓ | On Roll | ✓ | Sealed* | | ✓ | ✓ | erGO! Mop Pad Holder |  |
| erGO! Disposable Pad Mops  | ✓ | ✓ | Tiles | ✓ | Sealed | ✓ | Sealed | ✓ | SmartColor Damp Mop Pad Holder |  |
| SmartColor DAMP MOP Pad  | | ✓ | Tiles | ✓ | Sealed | ✓ | Sealed | ✓ |  | |
| OmniClean Mop Pad  | ✓ | ✓ | On Roll | ✓ | Sealed | | ✓ | ✓ | Omni Clean Mop Pad Holder |  |

FLOOR CLEANING

FLOOR SQUEEGEES

FLOOR SQUEEGEES

Ideal for commercial cleaning, **UNGER** floor squeegees effectively remove excess water, oil and other liquids from large hard floor areas. Use our product guide below to

identify the right squeegee for specific premises or job requirements.

| Squeegee | Dual Blade | Unsealed Concrete | Sealed Concrete | Steel | Industrial Carpet | Tarmac | Marble | Vinyl | Rubble Stone/Stoneware | Rubber Flooring | Tartan Track | Wood (Inside/Outside) | Areas of Application | Rubber | Solvent Resistance* | Oil Resistance** | Acid Resistance | Inserts & Threads | |
|---|------------|-------------------|-----------------|-------|-------------------|--------|--------|-------|------------------------|-----------------|--------------|-----------------------|---|--|---------------------|------------------|-----------------|--------------------------|--|
| Sanitary Squeegee + Combi Brush  | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | Push and dry: Water, liquids, solvents | Natural rubber (black and natural foam material) | (+) | + | + | ACME thread |  p. 79 |
| WaterWand (black Rubber)  | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | Push and dry: Water, liquids, solvents | Black neoprene rubber (Chlorophen, foam material) | (+) | + | + | Universal socket |  p. 79 |
| WaterWand (red Rubber)  | ✓ | | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | Push and dry: Water, liquids, solvents | Red neoprene rubber (Chlorophen, foam material) | + | ++ | ++ | Universal socket |  p. 79 |
| AquaDozer®  | | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | ✓ | Push away high volumes: Water, dirt, waste, shavings, snow | EPDM (Ethylene-propylene-diene) | + | + | + | Conical universal socket |  p. 79 |

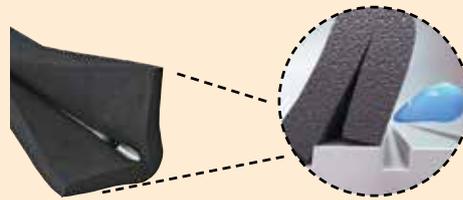
* Aliphatics, Aromatics, Ketones, Varnishes

** Lubricating Oils, Oils, Gasolines, Essential Oils, Carrier Oils

Floor Handles p. 80

i DOUBLE BLADE

The double blade ensures effective removal of liquid on all types of flat surfaces, even with grooves, tile joints or textured finish.



BLACK RUBBER

- All-purpose foam rubber
- Perfect for cleaning in most areas



RED RUBBER

- Excellent resistance to oils, acids, greases and solvents
- Ideal for cleaning in factories, garages and vehicle maintenance facilities





SANITARY SQUEEGEE

Squeegee with double blade foam rubber blade, black. ACME thread.

- Plastic body for increased hygiene
- Acid, rust and scratch proof
- With splashguard

| Part No. | Size | Pack |
|----------|---------------|------|
| PM45A | 45 cm / 18 in | 10 |
| PM55A | 55 cm / 22 in | 10 |



SANITARY COMBI BRUSH

2 tools in one: Brush with polypropylene bristles and squeegee with double blade foam rubber blade, black. ACME thread.

- Scrubber to remove dirt
- Foam rubber blade for drying floors and joints
- Very sturdy, but lightweight

| Part No. | Size | Pack |
|----------|---------------|------|
| PB45A | 45 cm / 18 in | 10 |
| PB55A | 55 cm / 22 in | 10 |

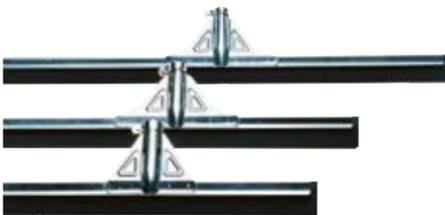


WaterWand STANDARD

For lighter jobs with double blade black foam rubber.

- Great for cleaning joints
- Sturdy zinc plated steel body
- For streak free floor drying

| Part No. | Size | Pack |
|----------|---------------|------|
| MW450 | 45 cm / 18 in | 10 |
| MW550 | 55 cm / 22 in | 10 |

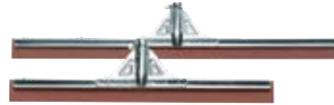


WaterWand HEAVY DUTY

Reinforced version for heavier jobs with double blade black rubber.

- Great for cleaning joints
- Sturdy zinc plated steel body
- For streak free floor drying

| Part No. | Size | Pack |
|----------|---------------|------|
| HM450 | 45 cm / 18 in | 10 |
| HM550 | 55 cm / 22 in | 10 |
| HM750 | 75 cm / 30 in | 10 |



WaterWand HEAVY DUTY RED

Reinforced version for heavy duty jobs with double blade red foam rubber, oil and acid resistant.

- Great for cleaning joints
- Sturdy, zinc plated steel body
- For streak free floor drying

| Part No. | Size | Pack |
|----------|---------------|------|
| HW550 | 55 cm / 22 in | 10 |
| HW750 | 75 cm / 30 in | 10 |



WaterWand ACME THREAD INSERT

For all WaterWand squeegees.

| Part No. | Pack |
|----------|------|
| FWA10 | 10 |



AquaDozer®

For heavy duty jobs, black EPDM rubber. Ideal for industrial environment.

- Sturdy construction
- Solid handle socket

| Part No. | Size | Version | Pack |
|----------|---------------|----------|------|
| FP600 | 60 cm / 24 in | Straight | 6 |
| FP900 | 90 cm / 36 in | Straight | 6 |
| FP60C | 60 cm / 24 in | Curved | 6 |
| FP90C | 90 cm / 36 in | Curved | 6 |



AquaDozer® ACME THREAD INSERT

For all AquaDozer®.

| Part No. | Pack |
|----------|------|
| FAA10 | 10 |

FLOOR CLEANING

FLOOR HANDLES

| Holder/Squeegee | | FAPLW | MS18G | MS14G | MH14G | EZ25G | EP24R | HH13R | AL14A | AL14T | AL140 | AL14G | |
|--|----------------------------------|---------|-----------------|-----------------|-----------------|-------------|-------------|-------------|-------------|-------------|---------|---------|----------------|
| Diameter | | Ø 21 mm | Ø 21 mm | Ø 23 mm | Ø 23 mm | Ø 21 mm | Ø 21 mm | Ø 21 mm | Ø 25 mm | Ø 25 mm | Ø 25 mm | Ø 25 mm | |
| Inserts & Threads | | Hole | Hole for C-Clip | Hole for C-Clip | Hole for C-Clip | ACME Thread | Conical | Conical | |
|  erGO! Pocket Mop Holder | FAPMH | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | | | p. 73 p. 75 |
|  SmartColor Mop Holder | SM40G SM40R | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | p. 74 |
|  erGO! Mop Pad Holder | FAVMH | ✓ | ✓ | | | ✓ | ✓ | ✓ | | | | | p. 73 p. 75 |
|  SmartColor Damp Mop Pad Holder | SV40G | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | | | | | p. 75 |
|  SmartColor Microfibre String Mop Holder | FC03G | | | ✓ | ✓ | | | | | | | | p. 75 |
|  Sanitary Squeegee Sanitary Combi Brush | PM45A PM55A PB45A PB55A | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | p. 79 |
|  SmartColor SWIVEL Brushes | SB20G CB20G | | | | | ✓ | ✓ | ✓ | ✓ | ✓ | | | p. 77 |
|  WaterWand | MW450 HMxxx HWxxx | | | | ✓ | | | + FWA10 | + FWA10 | + FWA10 | ✓ | ✓ | p. 79 |
|  AquaDozer® | FP600 FP900 | | | | | | | | + FAA10 | ✓ | | | p. 79 |



Telescopic + extra piece

TELESCOPIC HANDLES

Ergonomic aluminium telescopic handles.

- Length can be adjusted and secured at any point to suite individual height
- Cone fits all UNGER mop holders
- Labels included for colour coding

| Part No. | Size | Ø | Colour | Pack |
|----------|---------------------|----------------|--------|------|
| FAPLW | 1.30-1.70m/4-5.5 ft | 21 mm / 0.8 in | ● | 1 |
| EZ25G | 1.30-2.50m/4-8 ft | 21 mm / 0.8 in | ● | 10 |
| EP24R | 1.30-2.50m/4-8 ft | 21 mm / 0.8 in | ● | 10 |
| MS18G | 1.30 -1.80m/4-6 ft | 21 mm / 0.8 in | ● | 10 |



3 pieces

SmartColor MOPHANDLE

Lightweight aluminium mop handles.

- Mop holder snaps into place
- Solid and light, made of aluminium, with ergonomic plastic handle
- Labels included for colour coding

| Part No. | Size | Ø | Colour | Pack |
|----------|-----------------|----------------|--------|------|
| MH14G | 1.40 m / 4.5 ft | 23 mm / 0.9 in | ● | 10 |
| HH13R | 1.30 m / 4 ft | 21 mm / 0.8 in | ● | 10 |
| MS14G | 1.40 m / 4.5 ft | 23 mm / 0.9 in | ● | 10 |

ProAlu 1.5° HANDLE, 3 SECTIONS KNOCKDOWN

Heavy duty handle with rigid, fluted aluminium construction.

- Aluminium, lightweight and solid
- 3 individual sections assemble into one long handle

| Part No. | Size | Ø | Pack |
|----------|-----------------|--------------|------|
| AL14G | 1.40 m / 4.5 ft | 25 mm / 1 in | 5 |

ProAlu 1.5° HANDLE

Handle with 1.5° taper socket.

- Lightweight and solid aluminium
- Handle Ø 25 mm

| Part No. | Size | Ø | Pack |
|----------|-----------------|--------------|------|
| AL140 | 1.40 m / 4.5 ft | 25 mm / 1 in | 10 |

ProAlu ACME

Handle with ACME threaded zinc alloy tip.

- Lightweight and solid aluminium
- Handle Ø 25 mm

| Part No. | Size | Ø | Pack |
|----------|-----------------|--------------|------|
| AL14A | 1.40 m / 4.5 ft | 25 mm / 1 in | 10 |

ProAlu 3.0° HANDLE

Handle with 3.0° taper socket combined with ACME threaded zinc alloy tip.

- Lightweight and solid aluminium
- Handle Ø 25 mm

| Part No. | Size | Ø | Pack |
|----------|-----------------|--------------|------|
| AL14T | 1.40 m / 4.5 ft | 25 mm / 1 in | 10 |

FLOOR SCRAPERS & MAINTENANCE TOOLS



Quality Tools for Smart Cleaning



FLOOR SCRAPER LIGHT DUTY

For light jobs, with 1.20 m ergonomic bi-component handle.

- Convenient operation while standing
- Reversible sharp/blunt edge blade

| Part No. | Handle | Blade | Pack |
|----------|---------------|--------------|------|
| LH120 | 1.20 m / 4 ft | 10 cm / 4 in | 10 |

Stainless Steel Floor Scraper Blades 10 cm. Reversible sharp/blunt edge blade.

| | | |
|-------|-------------------------|---------------|
| RB100 | 1 Dispenser = 10 blades | 10 Dispensers |
|-------|-------------------------|---------------|



FLOOR SCRAPER MEDIUM DUTY

For medium duty jobs, with 1.50 m aluminium handle.

- For industrial scraping
- Reversible sharp/blunt edge blade

| Part No. | Handle | Blade | Pack |
|----------|---------------|--------------|------|
| MDSC0 | 1.50 m / 5 ft | 15 cm / 6 in | 10 |

Floor Scraper Blades 15 cm. Reversible sharp/blunt edge blade.

| | | |
|-------|-------------------------|--------------|
| MDSB0 | 1 Dispenser = 10 blades | 5 Dispensers |
|-------|-------------------------|--------------|



FLOOR SCRAPER HEAVY DUTY

For heavy duty jobs, with 1.50 m steel handle.

- Convenient operation while standing
- Reversible sharp/blunt edge blade

| Part No. | Handle | Blade | Pack |
|----------|---------------|--------------|------|
| HDSS0 | 1.50 m / 5 ft | 20 cm / 8 in | 1 |

Floor Scraper Blades 20 cm. Reversible sharp/blunt edge blade.

| | | |
|-------|-------------------------|--------------|
| HDSB0 | 1 Dispenser = 10 blades | 5 Dispensers |
|-------|-------------------------|--------------|



HANG UP

All-purpose tool holder. Tools are inserted from front.

Available in 2 versions (3 or 6 holders).

- Tools snap into rubber rolls in front
- Practical and ideal for quick access
- Simply attach to wall, using dowels
- For diameter Ø 21 - 32 mm

| Part No. | Size | Ø | Info | Pack |
|----------|---------------|-----------------------|-----------|------|
| H0350 | 35 cm / 14 in | 21-23 cm / 0.8-0.9 in | 3 holders | 5 |
| H0700 | 70 cm / 28 in | 21-23 cm / 0.8-0.9 in | 6 holders | 5 |



HOLD UP

Tools are inserted from the bottom and held in place by strong rubber grips.

- Simply attach to wall, using dowels
- Equipped with hooks on the front to hang up smaller tools

| Part No. | Size | Pack |
|----------|---------------|------|
| HU450 | 45 cm / 18 in | 5 |
| HU900 | 90 cm / 36 in | 5 |



ERGO DUST PAN

For quick and thorough waste removal.

- Ergonomic and convenient
- Dust pan opens when raised, and retains the waste
- Telescopic handle (EDTBG), can be adjusted to suit individual height

| Part No. | Size | Type | Pack |
|----------|-------------------------|------------|------|
| EDTBG | 83 x 30 cm / 32 x 12 in | Telescopic | 6 |
| EDPBR | 83 x 30 cm / 32 x 12 in | Standard | 6 |



WonderWaxer

Complete wax applicator with 1.40 m handle.

- For applying finishing fluid to wooden floors
- Convenient operation while standing
- Swivel head, replaceable sleeve with snap fasteners

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| QS140 | 40 cm / 16 in | Blended fabric* | 10 |

WonderWaxer REPLACEMENT SLEEVE

| Part No. | Size | Material | Pack |
|----------|---------------|-----------------|------|
| QS010 | 40 cm / 16 in | Blended fabric* | 10 |

*65 % polypropylene, 35 % polyester

i WONDER WAXER

The superlight WonderWaxer is ideal for applying wax to almost all types of floor. The head swivels to reach difficult areas.

The low-lint fabric sleeve is replaceable and fits firmly on the T-bar with snap fasteners. The WonderWaxer is perfect for use on gym and commercial floors. Perfectly fits to 28 l bucket QB220 on page 54.

MICROFIBRE CLOTH SYSTEM

MICROFIBRE CLOTHS



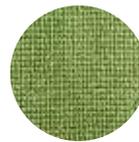
MICROFIBRE CLOTH SYSTEM

AVOID BACTERIAL CONTAMINATION!

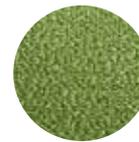
- Five-colour system for optical coding optimises cleaning by dividing tools and areas
- Matching coded tools assigned to specific cleaning areas prevent dangerous bacterial contamination
- Colour-coding facilitates the application of specific chemicals, thus protecting valuables like furniture and floor coverings

CLOTH SURFACE GUIDE

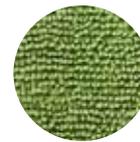
- Guidelines for choosing the right microfiber for the right task
- Optimization of your return on investment (ROI) by purchasing the best grade for your needs



**MICROWIPE
4000**



**MICROWIPE
2000**



**MICROWIPE
500**



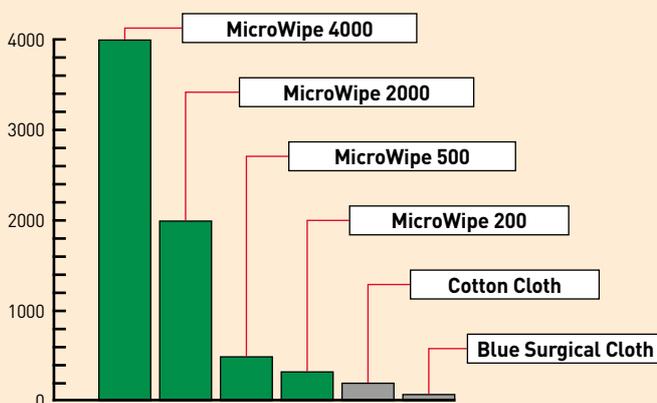
**MICROWIPE
200**

i GRADING SYSTEM EXPLAINED

The range of cleaning products that microfiber may be used for is dictated by many qualities, including fibre thickness, length, finishing, abrasiveness, absorbency, cloth dimension, edging and quality manufacturing techniques. **UNGER** has established several

performance factors that have been tested, measured and validated by ASTM independent laboratories and other US standard industry tests. This criteria is designed to assist end users in the selection process when purchasing microfiber cloths.

DURABILITY



TEST DESCRIPTIONS

- **Durability (Wear Cycles)**** The higher the factor, the greater number of times the microfiber cloth can be moved across an abrasive surface before wearing through and degrading or developing holes
- **Scrub Factor (Abrasiveness)**** The higher the scrub factor, the better the performance of the cloth in removing dirt and bacteria from surfaces and microscopic crevices
- **Absorbency*** The higher the factor, the more liquid the cloth will absorb and hold
- **Wash Cycles** A higher number of wash cycles indicates the longevity of the cloth through machine wash and dry cycles before deteriorating

**ASTM Tests *Standard US Industry Tests

MICROFIBRE CLOTH SYSTEM

MICROFIBRE CLOTHS & SPRAYER



Quality Tools for Smart Cleaning



SmartColor MicroWipe

High quality microfibre cloth. Resistant against frequent commercial wash cycles. Use the table below to choose the right grade to maximise the return on your investment.

| Part No. | Size | Colour | Weight/m ² | Durability | Scrub Factor (Abrasiveness) | Absorbency | Wash Cycles | Material | Pack |
|-------------|---------------------|--------|-----------------------|------------|-----------------------------|------------|-------------|---------------|------|
| 4000 | | | | | | | | | |
| MF40R | 40x38 cm / 16x15 in | ● | 450 g | 4000** | 38** | 1700 ml* | 1500 | Microfibre*** | 10 |
| MF40J | 40x38 cm / 16x15 in | ● | 450 g | 4000** | 38** | 1700 ml* | 1500 | Microfibre*** | 10 |
| MF400 | 40x38 cm / 16x15 in | ● | 450 g | 4000** | 38** | 1700 ml* | 1500 | Microfibre*** | 10 |
| MF40B | 40x38 cm / 16x15 in | ● | 450 g | 4000** | 38** | 1700 ml* | 1500 | Microfibre*** | 10 |
| 2000 | | | | | | | | | |
| MB40R | 40x40 cm / 16x16 in | ● | 350 g | 2000** | 36** | 1400 ml* | 1000 | Microfibre*** | 10 |
| MB40J | 40x40 cm / 16x16 in | ● | 350 g | 2000** | 36** | 1400 ml* | 1000 | Microfibre*** | 10 |
| MB400 | 40x40 cm / 16x16 in | ● | 350 g | 2000** | 36** | 1400 ml* | 1000 | Microfibre*** | 10 |
| MB40B | 40x40 cm / 16x16 in | ● | 350 g | 2000** | 36** | 1400 ml* | 1000 | Microfibre*** | 10 |
| 500 | | | | | | | | | |
| MC40R | 40x40 cm / 16x16 in | ● | 300 g | 500** | 34** | 1100 ml* | 500 | Microfibre*** | 10 |
| MC40J | 40x40 cm / 16x16 in | ● | 300 g | 500** | 34** | 1100 ml* | 500 | Microfibre*** | 10 |
| MC400 | 40x40 cm / 16x16 in | ● | 300 g | 500** | 34** | 1100 ml* | 500 | Microfibre*** | 10 |
| MC40B | 40x40 cm / 16x16 in | ● | 300 g | 500** | 34** | 1100 ml* | 500 | Microfibre*** | 10 |
| 200 | | | | | | | | | |
| ME40R | 40x40 cm / 16x16 in | ● | 250 g | 200** | 39** | 1700 ml* | 200 | Microfibre*** | 10 |
| ME40J | 40x40 cm / 16x16 in | ● | 250 g | 200** | 39** | 1700 ml* | 200 | Microfibre*** | 10 |
| ME400 | 40x40 cm / 16x16 in | ● | 250 g | 200** | 39** | 1700 ml* | 200 | Microfibre*** | 10 |
| ME40B | 40x40 cm / 16x16 in | ● | 250 g | 200** | 39** | 1700 ml* | 200 | Microfibre*** | 10 |
| ME40W | 40x40 cm / 16x16 in | ○ | 250 g | 200** | 39** | 1700 ml* | 200 | Microfibre*** | 10 |

Colours may vary from batch to batch.

**ASTM Tests *Standard US Industry Tests, Details p. 82

***80 % polyester, 20 % polyamide



SPRAYER ON A BELT

Fits to the belt for optimum weight support.

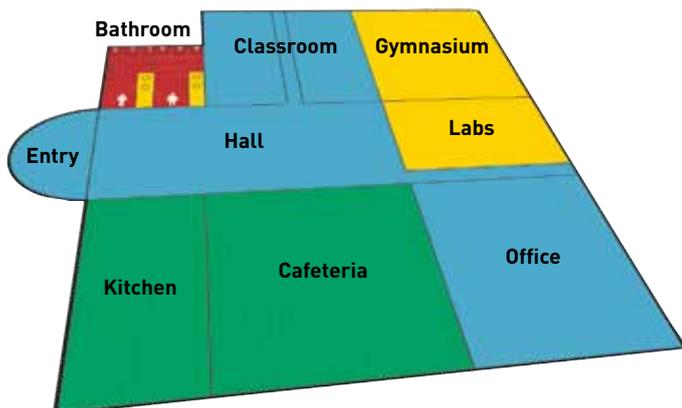
- Flexible hose allows upside down spraying
- 1 l bottle included
- Compatible with standard bottles
- Includes colour coding labels

| Part No. | Content | Pack |
|----------|---------|------|
| SOABG | 1 l | 5 |



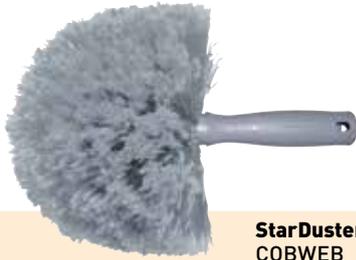
RECOMMENDED USAGE

- General Washroom
- Clinical
- Food and Bar Area
- General Low Risk Area
- Bespoke or Site Specific



DUSTING

BRUSHES & DUSTERS



StarDuster®
COBWEB



- For dusting of walls, surfaces and corners.**
- Electrostatic energy attracts and holds dust
 - Split-tipped soft poly fibres for effective dusting
 - Locks on telescopic pole

| Part No. | Size | Pack |
|----------|--------------|------|
| COBW0 | 20 cm / 8 in | 6 |



StarDuster®
LAMBSWOOL



- Flexible lambswool duster will not damage even most delicate surfaces.**
- Natural oil in lambswool helps to remove dust with minimum effort
 - Features bendable metal core for access to hard-to-reach areas
 - Fits on telescopic pole

| Part No. | Pack |
|----------|------|
| LWDU0 | 6 |



StarDuster®
WALL BRUSH



- Oval shape ideal for cleaning fans, walls, etc.**
- Perfect for dusting rough surfaces and removing dust from flat objects
 - Fits on telescopic pole

| Part No. | Pack |
|----------|------|
| WALB0 | 5 |



StarDuster®
PIPE BRUSH



- Round and bendable for cleaning pipes and curved surfaces.**
- Fits on telescopic pole

| Part No. | Pack |
|----------|------|
| PIPE0 | 5 |



StarDuster®
OSTRICH FEATHER



- Perfect for dusting delicate surfaces such as glass, cabinets and chandeliers.**
- Reaches into the smallest gaps and surface crevices
 - Fits on telescopic pole

| Part No. | Pack |
|----------|------|
| FEDU0 | 6 |



RUBBER CLEANING SPONGE

- Re-useable dry cleaning sponge, absorbs dust particles.**
- Made of natural vulcanised cellular rubber, the highly absorbent sponge effectively lifts away and holds dust, dirt and lint from any dry surface.
 - Suitable for cleaning of painted walls and ceilings, wallpaper, painted metal and wood surfaces, fabrics and a number of additional surfaces
 - Widely used in museum and antique restorations

| Part No. | Pack |
|----------|------|
| SP060 | 6 |

DUSTING

MICROFIBRE DUSTERS



Quality Tools for Smart Cleaning



StarDuster®
PRO FLAT 75



Bendable plastic duster with microfibre sleeve, ideal for narrow spaces.

Includes 3 disposable sleeves

- Made from strong and flexible plastic
- Microfibre sleeve is removable and machine washable
- Fits securely to pole with Locking Cone

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| PFD7G | 75 cm / 30 in | Microfibre* | 10 |

*100 % polyester



StarDuster®
PRO FLAT/FLEX SLEEVES

Disposable or reusable replacement microfibre sleeves.

- Effectively lift and hold the dirt
- Microfibre sleeve is machine washable

| Part No. | Info | Material | Pack |
|----------|-------------------|----------|------------|
| PS50W | Disposable Sleeve | ** | 1 Bag (50) |
| PM05W | Microfibre Sleeve | * | 1 Bag (5) |

*100 % polyester, **100 % polypropylene



StarDuster®
PRO FLEX 75



Great for cleaning overhead, underneath furniture and around corners.

Includes 3 disposable sleeves

- Bends and retains shape to clean hard-to-reach areas
- Microfibre sleeve is removable and machine washable
- Fits securely to pole with Locking Cone

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| PXD7G | 75 cm / 30 in | Microfibre* | 10 |

*100 % polyester



StarDuster®
PRO CEILING FAN



For dusting of ceiling fan blades and other flat surfaces.

- Holds dirt like a magnet with microfibre strands
- Microfibre sleeve is removable and machine washable
- Fits securely to pole with Locking Cone

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| CEDUG | 25 cm / 10 in | Microfibre* | 5 |

Colours may vary from batch to batch.

*75 % polyester, 25 % polyamide



StarDuster®
PRO DUSTER

Telescopic lambswool duster with bendable head.

- Telescopic handle extends from 70 to 150 cm for dusting high objects
- Statically charged disposable sleeve grabs and retains dust
- Includes 1 disposable sleeve

| Part No. | Size | Info | Pack |
|----------|------------------------|--------------------------|------------|
| LWDUR | 70-150 cm / 28-59 in | Duster + 1 Disp. Sleeve* | 10 |
| DS10Y | 46 x 18 cm / 18 x 7 in | Disposable Sleeve* | 1 Bag (10) |
| DS50Y | 46 x 18 cm / 18 x 7 in | Disposable Sleeve* | 1 Bag (50) |

*100 % polypropylene



WASHROOM CLEANING

TOILET & WASHROOM CLEANING



ERGO TOILET BRUSH COMPLETE

Complete kit for professional application.

- Features 66 cm handle with 360° cleaning radius
- Replaceable brush heads or swabs available
- Hygienic, ergonomic holder is lightweight and keeps bacteria isolated
- Holder can be hand-carried or hung on cart and features a detachable base for easy emptying

| Part No. | Content | Pack |
|----------|---------------------------------|------|
| BBWHR | Brush, Holder, Replacement Head | 5 |



ERGO TOILET BRUSH/SWAB

Ergonomic toilet brush for professional application.

- Features 66 cm handle with 360° cleaning radius
- Replaceable brush heads and swabs available
- Swab for optimal application of cleaning products

| Part No. | Content | Pack |
|----------|-----------------------------|------|
| BBCOR | 2 x Brush head + 1 x handle | 5 |
| BBHLR | Brush Holder | 5 |
| BBRHR | 2 x Brush head | 5 |
| BSRHR | 2 x Swab head | 5 |



WASHROOM SANITARY BRUSH

2 tools in one: Brush with polypropylene bristles and squeegee with black twin foam rubber blade and ACME Thread.

| Part No. | Size | Pack |
|----------|---------------|------|
| PB45R | 45 cm / 18 in | 10 |



ERGO WALL SQUEEGEE, 35 cm

- Light twin blade foam rubber - for drying tiles and grout lines
- Streak-free cleaning
- T-bar material made of acid proof polypropylene
- Ergonomic handle, detachable - squeegee also fits on pole

| Part No. | Size | Colour | Pack |
|----------|---------------|--------|------|
| EW35G | 35 cm / 14 in | ● | 10 |
| EW35R | 35 cm / 14 in | ● | 10 |

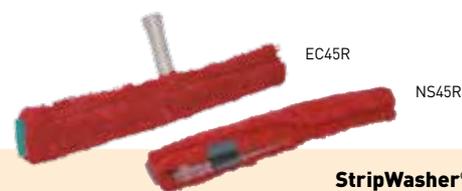


ErgoTec® SQUEEGEE, RED, 35 cm

Ergonomic squeegee for mirrors and smooth surfaces.

- Ergonomic bi-component handle, designed for comfortable hold
- Stainless steel S-Channel with variable positioning options
- Professional quality Soft Rubber for optimal cleaning results

| Part No. | Size | Pack |
|----------|---------------|------|
| ES35R | 35 cm / 14 in | 10 |
| NE350 | 35 cm / 14 in | 10 |
| RR350 | 35 cm / 14 in | 10 |



StripWasher® WASHROOM

Durable microfibre washer for cleaning mirrors and walls.

- Superior cleaning power
- High water retention - up to 6 times its own weight, ideal for cleaning larger areas
- Machine washable up to 500 times sleeve with side scrub pad
- Lightweight plastic T-Bar with water wells

| Part No. | Size | Material | Pack |
|----------|---------------|-------------|------|
| EC45R | 45 cm / 18 in | Microfibre* | 10 |
| NS45R | 45 cm / 18 in | Microfibre* | 10 |

*Support material: 100 % polyamide; Fibres: 100 % polyethylene



NiftyNabber® WASHROOM

The hygienic all-purpose grabber.

- Keeps refuse at a distance with a 53 cm long handle
- Solid design made of aluminium and metal
- Powerful rubber-coated claws for firm and precise grip of objects

| Part No. | Size | Pack |
|----------|---------------|------|
| NN40R | 53 cm / 21 in | 5 |

UNGER

Quality Tools for Smart Cleaning





Quality Tools for Smart Cleaning

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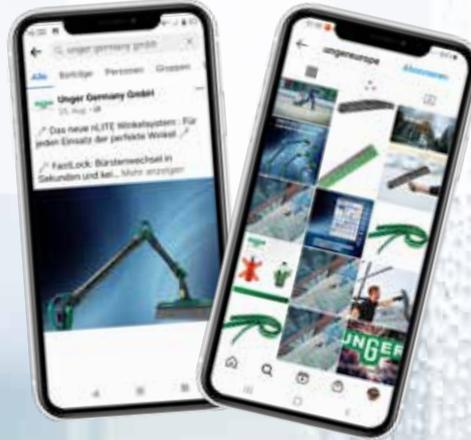


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- Tips & tricks for everything related to glass and commercial cleaning
- Attractive competitions
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