REUTER®
magic metal works

QUALITY MADE IN GERMANY

The Catalogue
2026





new

SuperCleanox Hybrid
meets AutoBrush

Electrochemical
Weld Cleaning, Polishing, Marking

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A complete overview of all Reuter products and prices can be found in our current price list.

We reserve the right to make changes.
Status: April 2026

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Memberships:

EDELSTAHL Rostfrei INOX STAINLESS STEEL

DIN

DVS VERBAND

ASTM INTERNATIONAL

ASME SETTING THE STANDARD

Magic metal works – made in Germany

The system supplier



Weld seam cleaning with a carbon fibre brush – who perfected it? That's right, Reuter. Welding engineer Olaf Reuter founded the company in Erkrath in 2009 to redefine electrochemical metalworking. Today, the files are filled with patents – and the product range sets standards for trade and industry:

- **Extremely robust carbon fibre brushes** with up to 4.5 million fibres on ergonomic PTFE handles
- **Powerful cleaning devices** for mobile or industrial use
- **Non-toxic cleaning electrolytes** based on high-quality mineral acids
- **Innovative productivity boosters** such as automatic electrolyte supply, ergonomic WorkStations and much more.

Reuter products are known for **maximum durability** and indestructible **quality made in Germany**. The range is growing with the customers; today Reuter also designs complete **industrial workstations** through to fully automated **robot cells**.

Do you have any questions about our products – or a special challenge? Talk to us. Send us your material samples. We will work it out for you.

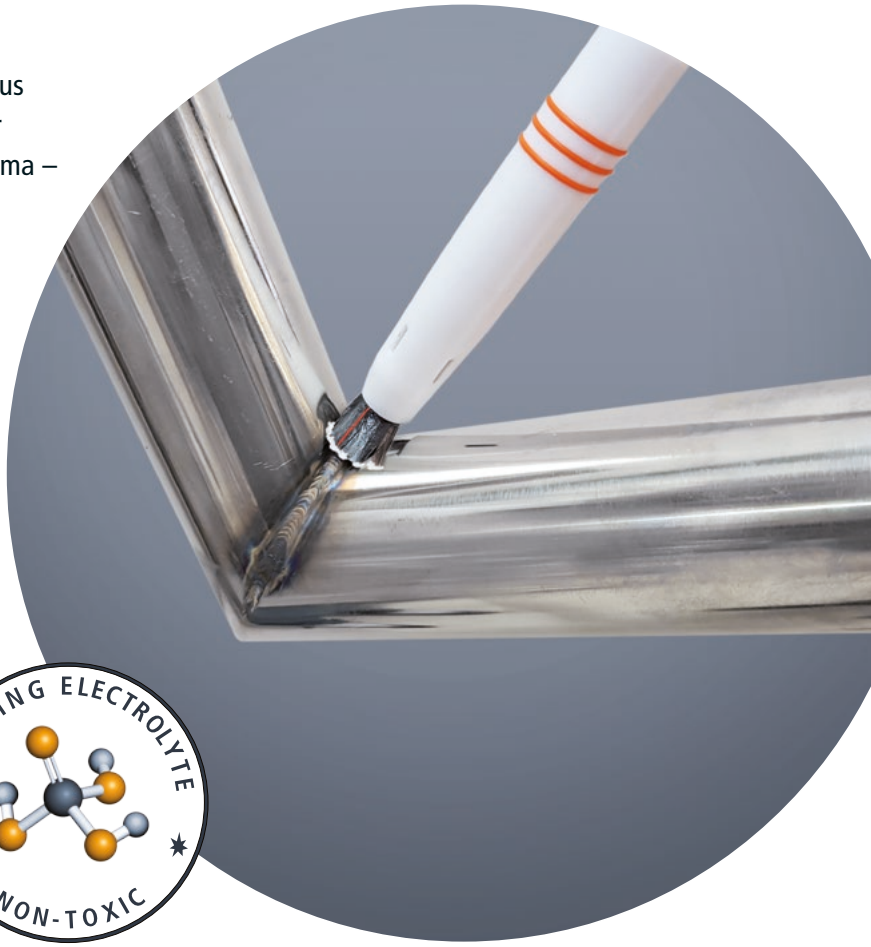


Mechanical engineer and welding engineer Dipl.-Eng. Olaf Reuter, owner of the company Reuter, stands for solid know-how in this sector. 30 years of experience in arc welding technology and voluntary engagement in DIN committees stands for practical expertise.

Electrochemical Cleaning, Polishing, Marking

The process

Take a million carbon fibres, a good 100 A continuous current, plus the right electrolyte: the welder has never polished so quickly. This solves the main welding dilemma – tarnish, scaling and rust, which are caused by the destruction of the passive layer during welding, are simply brushed away.



This is made possible by the high energy density and the conductivity of the up to 4.5 million carbon fibres: electric arcs are created at the tip of the fibres. These remove tarnish, oxidation and even light scaling in a flash, without damaging the surface.

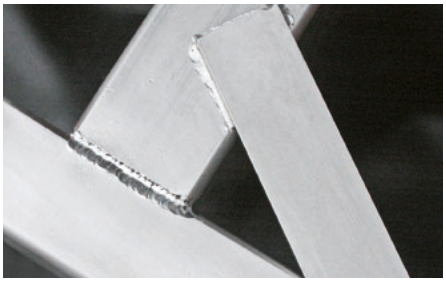
Our cleaning electrolyte is the non-toxic food additive E338, also known from cola drinks. It cools, increases the electrical conductivity and protects against renewed overheating by evaporation. The oxygen split off in the process combines on the metal surface to form chromium oxide: in this way, the protective passive layer is restored in the same operation. This effect has been certified by the Federal Institute for Materials Research.

The cleaning effect is therefore not created by etching or grinding, but is gentle on the surface due to the extremely high energy density. When brushing, the carbon fibres nestle exactly to the shape of the workpiece; by flexibly extending the fibres from the PTFE sleeve, corners and crevices can also be reached. Suitable brush shapes and sizes are available for every cleaning task.

Mirror-smooth polishing: Our switchable AC/DC units also allow polishing to a mirror-smooth surface in direct current (DC) mode. Heavier discolourations can be removed and levelled, matt areas in the HAZ can be brought to the desired gloss level.

Forgery-proof marking: You can also apply your own signatures to your workpieces with the help of a marking template or with a label printer. Dark-marking introduces oxidation into the surface; light-marking removes parts of the surface – like an engraving, but not dark. Both processes are durable and resistant to chemicals or abrasion – which is why they are often used on surgical instruments, tools and sanitary fittings.







Which device for which purpose?

The device finder

● not suitable

● conditionally suitable

● highly suitable



Cleanox



AkkuCleanox

Whether in the workshop or on the road for assembly work, for sporadic cleaning tasks or for tough industrial continuous use:
Reuter has the right device for every purpose.

Cleanox devices are compact, lightweight and robust – and ideally suited for mobile corded use in the workshop or battery-powered use on the construction site.

Hybrid Cleanox devices are just as compact and lightweight, but offer even more power thanks to state-of-the-art inverter/battery technology. They can also be operated for approx. 15 minutes without a power supply.

SuperCleanox devices are designed for maximum performance 24/7. To achieve this, they weigh a little more. They are more suitable for a permanently installed workplace.

Questions? Feel free to contact us!

Modellname	Cleanox 1.0	Cleanox 3.0	Cleanox 5.0	AkkuCleanox
Artikel-Nr.	EP-01-011	EP-01-013	EP-01-015	EP-01-050
Cleaning	●	●	●	●
Polishing	●	●	●	●
Marking dark	●	●	●	●
Marking bright	●	●	●	●
Performance brush L	●	●	●	●
Performance brush XL	●	●	●	●
Performance brush XXL	●	●	●	●
TripleBrush	●	●	●	●
Surface cleaner	●	●	●	●
[1] **Electrolyte supply**	●	●	●	●
[2] **Mobile working**	●	●	●	●
[3] Current strength	70 A	80 A	80 A	90 A
Pulse current	400 A	500 A	500 A	550 A
Rated continuous power	1.000 W	1.250 W	1.250 W	1.250 W
Voltage range	9,5 V	9,5 V / 15,5 V	9,5 V / 15,5 V	6–12 V (variabel)
Weight	5,2 kg	6,2 kg	9,1 kg	6,9 kg
see page	6	6	6	8

[1] **Electrolyte supply:** ● devices can be retrofitted with the MagicBox

[2] **Mobile working:** ● Hybrid devices can be operated on battery power for approx. 15 minutes.

[3] **Current strength at the workpiece according to DIN EN IEC 60974-1**
30% duty cycle at 40° C ambient temperature, which corresponds to 100% working power in manual mode.



HybridCleanox



SuperCleanox



SuperCleanox Hybrid

HybridCleanox 3.0	HybridCleanox 5.0	SuperCleanox 6.0	SuperCleanox 8.0	SuperCleanox Hybrid	Signox II	AkkuSignox
EP-00-013	EP-00-015	EP-01-016	EP-01-018	EP-00-023	EP-01-024	EP-01-034
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
●	●	●	●	●	●	●
60 A	100 A	180 A	250 A	130 A	10 A	3 A
550 A	550 A	920 A	1.380 A	650 A	30 A	10 A
1.400 W	1.800 W	2.500 W	3.450 W	2.200 W	150 W	50 W
6–12 V (variabel)	6–12 V (variabel)	10–16,5 V (Stufen)	8,5–20 V (Stufen)	6–12 V (variabel)	12 V	12 V
5,5 kg	8 kg	19,1 kg	30,8 kg	11,6 kg	1,9 kg	0,2 kg
10	10	12	12	14	18	18



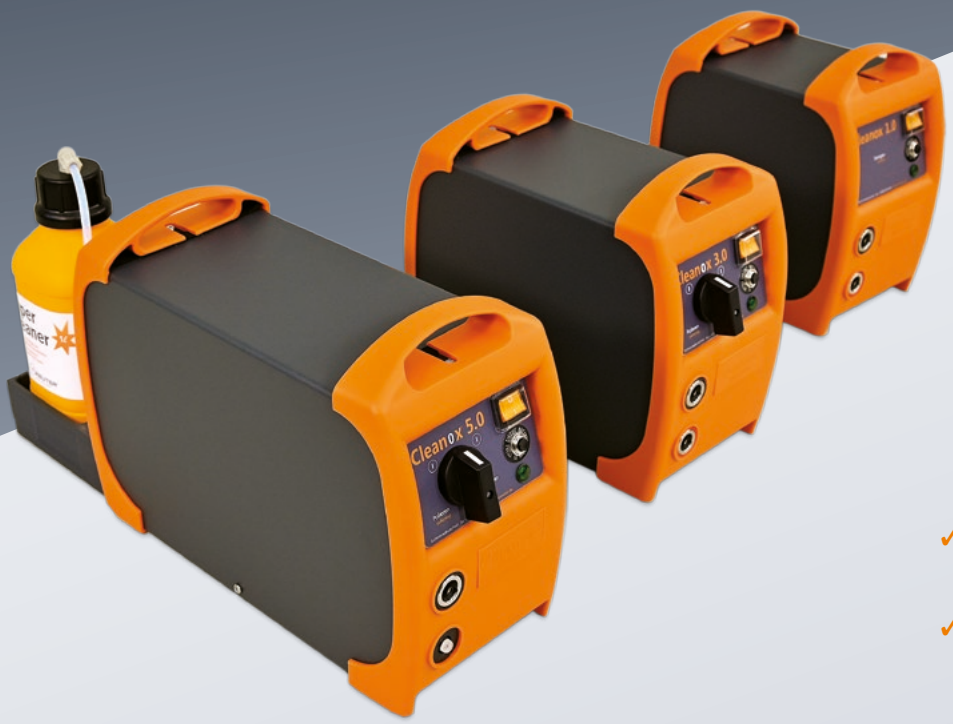
Signox II



AkkuSignox

The Cleanox family:

Full flexibility for workshop & assembly



- ✓ **with ergonomic cleaning handle**
- ✓ **optional with fully automatic electrolyte supply**

Video:
Cleanox 5.0
in action

Compact & light, powerful & robust: The Cleanox family is designed for metal workers who want to use their cleaning equipment flexibly – whether in the workshop or on the road during assembly. Plastic and aluminium make the three devices surprisingly light and extremely robust. At the same time, they are among the most powerful on the market: a full 80 A working current, pulse currents of over 500 A – these are values that make our competitors prick up their ears.

TÜV Rheinland also certifies our outstanding quality and safety with its GS seal. Cleanox – the first cleaning appliances worldwide with "Tested Safety" according to DIN EN IEC 60974-1!



Our Cleanox devices are sold as complete kits,
giving you everything you need to get started straight away.
The picture shows the Cleanox 3.0 device set.



The rear of the Cleanox 5.0
with holder for electrolyte reservoir,
servo pump and level sensor.

Cleanox 1.0:
The lightweight

With the Cleanox 1.0 set, we bundled a package that will convince you of the Reuter technology: easy to operate, robust, powerful and incredibly affordable.

As a pure AC device, the Cleanox 1.0 specialises in cleaning weld seams. The easy operation and the light weight of only 5.2 kg make the unit ideal for construction sites and assembly. At the same time, with 80 A continuous current, the Cleanox 1.0 delivers as much power as most stationary devices.

The device set comes with the practical Performance brush L and is also suitable for dark marking.

Device set Cleanox 1.0*
Item no.: EP-01-011
Rated continuous power: 1.000 W

Audited safety – certified
by TÜV Rheinland

Cleanox 3.0:
The workhorse

The Cleanox 3.0 is an AC/DC device that can not only clean but also polish and is also suitable for light and dark marking.

With 1,250 VA power, it enables cleaning and polishing and develops up to 80 A continuous current (100% duty cycle) or 200 A pulse current. You are thus well equipped for most cleaning tasks.

The device set includes the large XL Performance brush. Together with the optional marking set (see page 16), you can also apply light and dark markings – e.g. logos or type plates.

Device set Cleanox 3.0*
Item no.: EP-01-013
Rated continuous power: 1.250 W

Audited safety – certified
by TÜV Rheinland

Cleanox 5.0:
The automat

The Cleanox 5.0 has all the strengths of the Cleanox 3.0 – but also has an automated electrolyte supply. This increases your productivity immensely, as you no longer have to put down the brush to pick up electrolyte fluid. And on top of that, you save a lot of precious chemistry!

Reuter's patented AI amount regulation calculates the optimal amount of electrolyte, which is then pumped directly into the carbon fibre brush by a servo pump. As soon as the brush is lifted off the workpiece, the electrolyte supply stops – all fully automatic!

Device set Cleanox 5.0*
Item no.: EP-01-015
Rated continuous power: 1.250 VA

You can find our recommended prices
in the current product list.

The AkkuCleanox

Freedom for weld seam cleaning





The first battery-operated weld cleaning device worldwide

High up on the wind turbine, in the middle of the stainless steel silo, somewhere on the scaffolding: What to do when no extension cable is long enough? With the AkkuCleanox you can get anywhere. Weighing just 6.9 kg, it is one of the lightest devices on the market – and is extremely powerful with up to 90 A continuous current. Its innovative battery technology (lithium iron phosphate) has proven itself for years without overheating and with an operating time of up to two hours.



Our AkkuCleanox devices are sold as complete kits, giving you everything you need to get started straight away.
The picture shows the AkkuCleanox device set including the charging booster.

AkkuCleanox:
The outdoor specialist

This is made possible by innovative battery technology combined with powerful inverter technology. We have packed the whole thing in in an ultra-light carbon sandwich casing and equipped it with a large colour display and a user-friendly interface: The perfect device for outdoors, offshore and offline.

With the charger supplied, the charging time of the AkkuCleanox is 8 hours. This can be accelerated considerably with our charging booster: the battery is 95% re-charged in just 30 minutes. Alternatively, you can use it for mains operation: coupled with the charging booster, the AkkuCleanox runs at 100% duty cycle for an unlimited time without the battery discharging. This means that your mobile device can also be used in the workshop without any restrictions.

Device set AkkuCleanox
Item no.: EP-01-050
Rated continuous power: 1.250 W

Charging booster
Item no.: EP-07-160

Device set AkkuCleanox including charging booster
Item no.: EP-01-050-B

Always up to date:
The Price List



Find our recommended prices in the current product list.
Get the most actual version of this price list as a PDF:
www.reuter.works » Downloads
Direct scan:

The HybridCleanox family

Two hearts beat in his chest

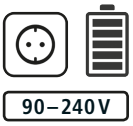


One + One = Three. The new HybridCleanox combines compact inverter technology with powerful lithium-ion batteries. This new, patent-pending technology enables the construction of very light, compact units with the power of a transformer unit that weighs three times as much.

The inverter supplies the base load and charges the batteries at the same time. When the energy demand is very high, the inverter and the batteries together deliver pulse currents of 550 A – overloading the inverter or the power grid is impossible. And as a bonus, the batteries also provide the juice for up to 15 minutes of mains-independent work.



Our HybridCleanox devices are sold as complete kits,
giving you everything you need to get started straight away.
The picture shows the HybridCleanox 5.0 device set.





The rear of the HybridCleanox 5.0 with holder for electrolyte reservoir, servo pump and level sensor.

HybridCleanox 3.0:
The power dwarf

The most powerful cleaning device in the compact class: the HybridCleanox 3.0 brings the concentrated power of a Super-Cleanox in a device weighing only 5.5 kg. Three soft-touch keys make cleaning, polishing and marking child's play. The smooth setting of all parameters is shown on a large colour display.

With guaranteed 60 A power, the lightweight is the ideal construction site tool, especially as you can work self-sufficiently for up to 15 minutes without mains power, cables or plugs.

The device comes as complete kit together with the new ergonomic cleaning handle and XL performance brush as well as all other accessories you need for your work.

Device set HybridCleanox 3.0
Item no.: EP-00-013
Rated continuous power: 1.400 W

HybridCleanox 5.0:
The prodigy

The HybridCleanox 5.0 combines many of the strengths of Cleanox and Akku-Cleanox in a very compact housing. What's more, it comes with Autofeed included – the fully automatic electrolyte supply that significantly increases your productivity. And all this with a device weight of just 8 kg!

Two built-in inverters, together with the lithium-ion batteries, deliver an incredible continuous output of 1,800 watts and provide 100A continuous current to the workpiece. The batteries allow 15 minutes of operation without a mains connection.

The device set includes the AutoFeed handle with XL AutoFeed Performance brush and all other accessories.

Device set HybridCleanox 5.0
Item no.: EP-00-015
Rated continuous power: 1.800 W

SuperCleanox - the new generation

For heavy-duty industrial use

new

CONTINUOUS CURRENT 250A WORKING MODE ACC. DIN EN IEC 60974-1







works with TripleBrush and automatic electrolyte supply
see page 16



suitable for surface cleaner
see page 27

Power to the industry: With SuperCleanox, maximum performance, continuous operation and reliability are top priorities. The devices have proven themselves 24/7 for over 15 years with renowned industrial customers. Now it was time for an extensive relaunch. We have redesigned the devices for the US market, among others, in accordance with the high standards of the updated DIN EN IEC 60974-1 (certification according to cTÜVus is in progress).

For you, this means even more speed, even more efficiency and even more safety. The new SuperCleanox devices are built for 100% duty cycle at high ambient temperatures; during cleaning and polishing, they achieve pulse currents of over 1,300A – making them the absolute performance leaders on the market. This power allows for extremely fast, uninterrupted work, even with extra-large brushes, surface cleaners or cable lengths of up to 100 metres. The robust new lightweight housings with shock-absorbing plastic shells feature a new cooling concept that prevents overheating.

Video:
SuperCleanox
in action



Our SuperCleanox devices are sold as complete kits, giving you everything you need to get started straight away.
The picture shows the SuperCleanox 6.0 device set.

SuperCleanox 6.0
The all-rounder

The concentrated power comes in two power levels and is designed for tough continuous use in three-shift industrial applications. With an output of 180 A continuous current or 900 A pulsed current, the SuperCleanox 6.0 enables very efficient cleaning and polishing of heavily tarnished MAG weld seams and is powerful enough to work with the large surface cleaner or the TripleBrush.
Both SuperCleanox devices are AC/DC devices – i.e. direct and alternating current devices that can clean and polish as well as light and dark marking.

Device set SuperCleanox 6.0
Item no.: EP-01-016
Rated continuous power: 2,500 W

SuperCleanox 8.0
The powerhouse

Currently the most powerful weld seam cleaning device in the world, it reliably delivers 250 A continuous current to the workpiece without interruption; the multiple thermal protection allows pulse currents of up to 1,300 A. The modern power electronics and solid brush and earth cables with a thickness of 25mm² prevent electrical and thermal losses. Three power levels tame the concentrated power and cover all requirements: from gentle cleaning of thin TIG-welded sheets to polishing heavily tarnished or scaled MAG weld seams.

Device set SuperCleanox 8.0
Item no.: EP-01-018
Rated continuous power: 3,450 W

You can find our recommended prices in the current product list.

The new SuperCleanox Hybrid

Power with ease



Competitors despair: hybrid technology now also available in SuperCleanox!
Compact inverter technology meets powerful lithium-ion batteries – enabling industrial power in a portable device. The proverbial SuperCleanox power can now be used on the move for the first time. And the battery enables high-current work without any mains connection.

But that's not all: equipped with our robot interface, the SuperCleanox Hybrid RS also becomes the heart of your robot cell!

SuperCleanox Hybrid
The lightweight athlete

The ergonomic lightweight housing accommodates three inverters; together with the lithium-ion batteries, they deliver an incredible continuous output of 130 A to the workpiece – more than enough even for operating surface cleaners or triple brushes. The batteries enable approx. 15 minutes of operation at up to 100 A without any mains connection. And at 11.6 kg, the device is lighter than a crate of water.

In the 'RS' version for robot interfaces, we also offer the SuperCleanox Hybrid as a cleaning device for your automation system (see next page).
The device set includes the large XXL performance brush and other accessories.

Device set SuperCleanox Hybrid
Item-no.: EP-00-023
Rated continuous power: 2.200 W

AutoBrush-System

Automation at Reuter level

For our customers with series production, we offer a modular system that allows electrochemical weld seam cleaning to be automated at the quality level we are known for.

The automation concept can be implemented in stand-alone robot cells or integrated into existing production lines.
It essentially consists of four coordinated components.



AutoBrush
The cleaning head

The AutoBrush is mounted directly on an industrial robot or cobot and supplied with electrolyte fully automatically by means of AutoFeed. An integrated linear drive automatically compensates for wear on the carbon fibres, eliminating the need for constant recalibration of the robot path. After the cleaning process, the component can be rinsed and dried using integrated water and compressed air nozzles.

AutoBrush cleaning head
Item-no.: EP-00-221

SuperCleanox Hybrid RS
The energy source

The built-in robot interface handles communication between the cleaning device and the robot control system, making the powerful SuperCleanox Hybrid RS cleaning device the energy source for your robot cell. The interface allows precise control of voltage, current limitation, pulse current, switching between direct and alternating current, and other functions.
Further information: see previous page.

SuperCleanox Hybrid RS
Item-no.: EP-00-126

AutoBrush logic module
The control centre

The logic module controls the linear unit of the AutoBrush and connects it to the robot controller. Only five potential-free I/Os are required for integration. This allows the system to be integrated into existing robot cells with minimal effort. In addition, the module enables the control of water and compressed air functions as well as the monitoring of brush wear.

AutoBrush logic module
Item-no.: EP-00-220

MagicBox
The electrolyte supply

The MagicBox houses the patented technology for Reuter's AutoFeed system. This delivers the precisely calculated amount of electrolyte fluid for your cleaning task directly to the brush tip.
Further information: see next page.

MagicBox with potentiometer
Item-no.: EP-07-760-POTI

The Autobrush system turns the downstream manual step of weld seam cleaning into a reproducible, controllable process. This enables consistent quality for large quantities with significantly reduced personnel costs.



Robot cell by Reuter

The AutoFeed system

The first fully automatic electrolyte supply

- ✓ Compatible with any cleaning device
- ✓ enables significantly faster working
- ✓ reduces fluid consumption

UTILITY MODEL PATENT DESIGN PATENT

see page 27



Just brush it. The electrolyte flows all by itself.
A microprocessor calculates the optimum amount of electrolyte, which is then fed directly into the carbon fibre brush by a servo pump. As soon as the brush is lifted off the workpiece, the electrolyte supply stops and a short back pump prevents dripping – all fully automatic!



Video:
MagicBox
in action



The AutoFeed system
inside the compact MagicBox

All the patented Reuter technology for our AutoFeed system is housed in the compact MagicBox. You simply connect it to your cleaning device. A wide-range power supply draws the voltage directly from the device. A sensor measures the cleaning energy and the microprocessor calculates the exact amount of electrolyte for your cleaning task. This is then pumped by the servo pump through hose system and AutoFeed handle directly into the carbon fibre brush. This is how intelligent technology works – combined, programmed and patented by Reuter.

Even a 5l canister with the electrolyte liquid is stored inside the MagicBox (signal transmitter for empty supply included). Of course, all components are acid-proof; due to the use of mild Reuter electrolytes, hoses and AutoFeed handle do not have to be cleaned after use.
And the special highlight: The MagicBox is compatible with any welding seam cleaning device on the market!

The new Triple MagicBox even comes with three servo pumps. This allows you to control three brushes simultaneously – fully automatically and independently from each other.

MagicBox
Item no.: EP-07-760
MagicBox with potentiometer
Item no.: EP-07-760-POTI
Triple MagicBox
Item no.: EP-07-870

Further information
on carbon fibre brushes see page 22.

Different hose packages, brushes and other accessories as well as our recommended prices can be found in the current product list.



With the new TripleBrush
you will polish 125cm² in just under 60 seconds to a high gloss.
More information: page 23

The Signox series:

Marking for eternity









Type plates, logos, bar codes: the Signox device series is is specialised on forge-proof marking on all electrically conductive surfaces. Electrolytic marking is a very cost-effective and economical method. After only 3–4 seconds you obtain a high-contrast, permanent signature: corrosion free, abrasion, acid and sterilisation resistant.
It is therefore often used for tools, surgical instruments, tools, sanitary fittings or cookware.



The AkkuSignox+ device set



AkkuSignox+
The freedom of the word

Maximum flexibility without a socket, USB and mains cable: our patented AkkuSignox is a mains-independent mobile device; it introduces oxidation into the metal surface to create dark brown to deep black signatures. The battery of our AkkuSignox creates up to 250 dark signatures before you need to recharge.

Our AkkuSignox comes in a case with everything you need to get started right away. We also offer two other bundles: with a Bluetooth- or an USB-printer, you design your signature on the spot on your laptop and simply print out the marking template.

AkkuSignox+ set in a case
Item no.: EP-01-034

AkkuSignox+ set in a case with Li-Ion Bluetooth printer
Item no.: EP-01-035

AkkuSignox+ set in a case with battery USB printer
Item no.: EP-01-036

Signox II
The powerhouse

The workshop device for light and dark marking: The Signox II is connected to the mains and comes without a printer – but the powerful transformer and the large rectifier provide considerably more power. This enables the use of larger templates with up to 2,400 dpi as well as fast, powerful marking of larger areas. In addition to dark marking, the Signox II is also capable of light marking – which looks very classy, similar to laser engraving.

Signox II set in a case
Transformer device for 230V mains supply
Item no.: EP-01-024

Further sales units, accessories and template service as well as all recommended prices can be found in our current product list.

AutoSignox
The serial signer

Developed for series production: Our AutoSignox signs components up to a size of 18x18x13 cm quickly, easily and with consistent quality. Equipped with fully electrolyte supply and simple 1-button operation, it allows up to five programmes for different components.

AutoSignox
Item-no.: EP-00-024

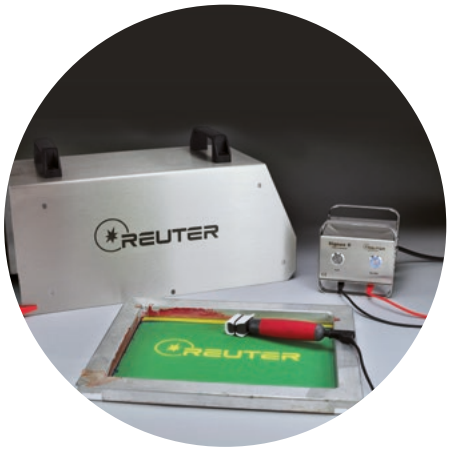


Accessories for marking

Everything from one source

We supply everything you need for marking:
devices, templates, electrolytes and accessories.
So you can be sure that everything will work perfectly.





Marking electrolytes
for (almost) every metal

Reuter carries a variety of electrolytes for light and dark marking of different materials: stainless steel, rust-sensitive steels, tool and carbon steels, aluminium, gold, brass and bronze, copper and zinc, titanium, chromium-plated and nickel-plated surfaces. All electrolytes are available in bottles of 100 ml, 500 ml, 1 l and 5 l.

Various marking electrolytes
Item no.: EP-04-004 ff

The marking set
for your Cleanox

The marking set turns your Cleanox into a fully-fledged marking station. It is already included in the SuperCleanox set. With it you have everything you need for marking: a marking handle and a marking electrode, connection cable, electrolytes, felts and O-rings. We have also included a sample template for you to try out.

Marking set
Item no.: EP-02-050



Marking with long-term templates



Marking with disposable templates



Long-term templates
from Reuter

Our long-term templates can be used up to 10.000 times. Due to the high resolution of 2.400 dpi even very small fonts up to 4 points can be signed on the workpiece. An optional plastic frame gives the template more stability and makes it easier to align on the workpiece. The maximum template size is 80x50cm (4.000cm²).

Long term template, framed
Item no.: EP-05-003 ff

Long-term template, unframed
Item no.: EP-05-007 ff

Label printer
for disposable templates

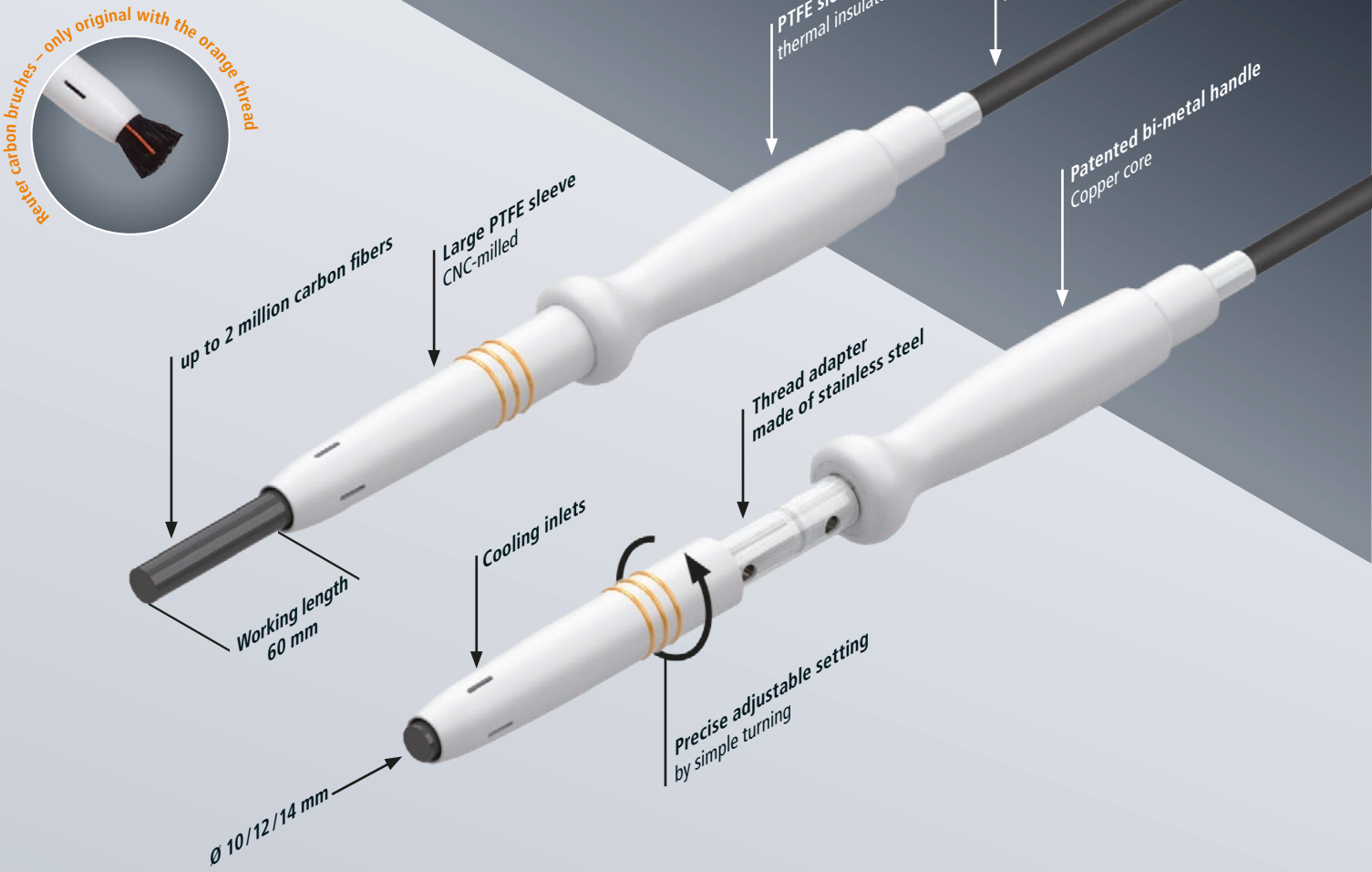
With the help of a labelling device, you create disposable templates for your signature yourself – the ideal solution for marking your products with individual product numbers. On the display printers, you can create lettering and numbers on the spot and print them out directly. By connecting to the PC, you can incorporate logos, frames or barcodes into the label layout. Reuter sells Brother labelling devices and accessories for different applications.

Various label printers
Item no.: EP-05-208 ff

Our template service
as well as all sales units, further accessories and recommended prices can be found in the current price list.

Carbon fibre brushes from Reuter

Ergonomics meets cost efficiency



Carbon fibre brushes from Reuter are characterized by lasting acid resistance, robust durability and maximum conductivity. The brush bodies are made of high-alloy stainless steel – oxidized threads and contact problems are a thing of the past. Years ago we launched the handles and sleeves made of PTFE on the market in order to bundle the carbon fibers flexibly. They easily withstand the process-related temperatures of over 200° C.

We manufacture the carbon fiber brushes we have developed using tools we have designed ourselves. Only the best quality carbon fibers from leading manufacturers are used.

The Performance Brush
for manual use

1 million, 1,5 or up to 4,5 million carbon fibres with 60 mm working length bring more power to the workpiece than any competitor's product. With the solid, CNC-turned PTFE sleeve, you set the required brush length quickly and precisely by simply turning it. The thread adapter also fits any old handle. At the same time, it prevents the thread between the brush and the handle from oxidising – if the thread does become scorched, all you have to do is replace the inexpensive adapter.

We deliver our Performance Starter Sets including adapter, PTFE sleeve and 5 brushes in the respective size. Assembly pin and spanner for quick assembly are also included.

Performance Starter Set L
Item no.: EP-02-937

Performance Starter Set XL
Item no.: EP-02-927

Performance Starter Set XXL
Item no.: EP-02-947

Performance Starter Set MIX
Item no.: EP-02-931

Further sales units and all recommended prices can be found in our current price list.



Performance Starter Set XL

The Performance Brush
for the AutoFeed

Since 2020, AutoFeed, the first fully automatic electrolyte feed, has revolutionised the process (see page 12). The perfect amount of electrolyte always flows directly into the size L, XL or XXL brushes via the ergonomically shaped AutoFeed handle – so here, optionally 1 million, 1.5 or even 2 million carbon fibres bring full power to the workpiece.

Performance AutoFeed brush L
Item no.: EP-02-962

Performance AutoFeed brush XL
5er Set | Item no.: EP-02-963

Performance AutoFeed brush XXL
5er Set | Item no.: EP-02-964



The TripleBrush is particularly hard-working: The electrolyte fluid is simultaneously fed onto the workpiece via three brushes. Three times 1.5 million carbon fibres – you can polish 125cm² to a high shine in just 60 seconds! But be careful: the TripleBrush needs a lot of power and can only be operated with the SuperCleanoxVI HD or the new HybridCleanox.

AutoFeed TripleBrush
Item no.: EP-07-960

For further carbon fibre brushes, sales units, accessories and recommended prices, please refer to the current price list.



Cleaning electrolytes

Guaranteed non-toxic





Electrolytes
for cleaning & polishing

With the Reuter electrolytes you clean and polish super fast in one step. The surface is then protected against corrosion. Immediately.

The high processing speed is not least due to the formula: We use only high-quality natural mineral acid – and do not use stabilisers, sulphuric acid or tensides. Our mineral acid is guaranteed non-toxic and, among other things, approved as food additive E338 – for cola drinks, for example. We produce all electrolytes ourselves and fill them ourselves in modern automated filling plants.

The Cleaner is recommended as an electrolyte for cleaning slightly oxidised TIG welds, **the SuperCleaner** is suitable for heavily tarnished or oxidised welds. And **the Polisher** is used for polishing stainless steel surfaces, but is also ideal for all cleaning tasks.

Brandnew is the green **EcoCleaner**: 100% biodegradable, pH skin-neutral, without transport or storage restrictions – and therefore ideal for on the move.

All Reuter electrolytes come in super-tight bottles and canisters with UN hazardous goods approval: indestructible and in the stylish Reuter orange. You have the choice between the 1-litre bottle, the 5-litre canister or the 25-litre canister.

Cleaner
1 litre – item no.: EP-04-130
5 litres – item no.: EP-04-041
25 litres – item no.: EP-04-140

SuperCleaner
1 litre – item no.: EP-04-131
5 litres – item no.: EP-04-042
25 litres – item no.: EP-04-141

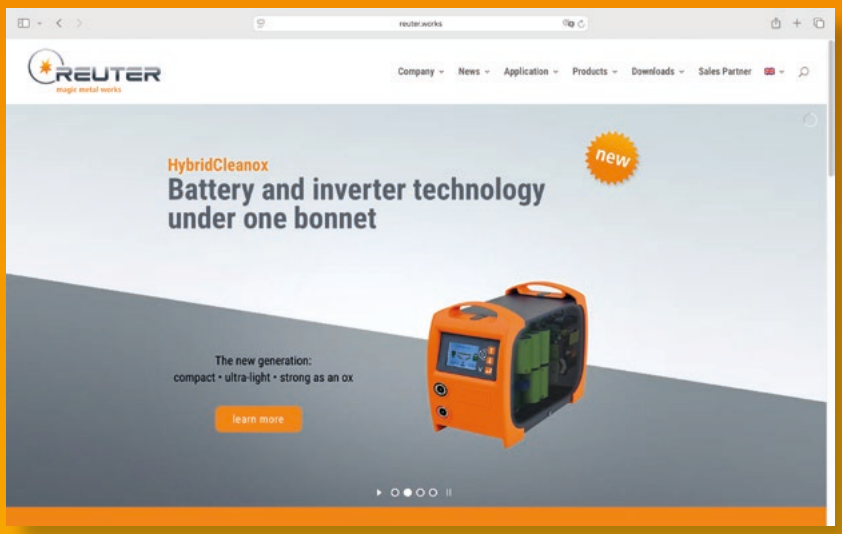
Polisher
1 litre – item no.: EP-04-132
5 litres – item no.: EP-04-043
25 litres – item no.: EP-04-142

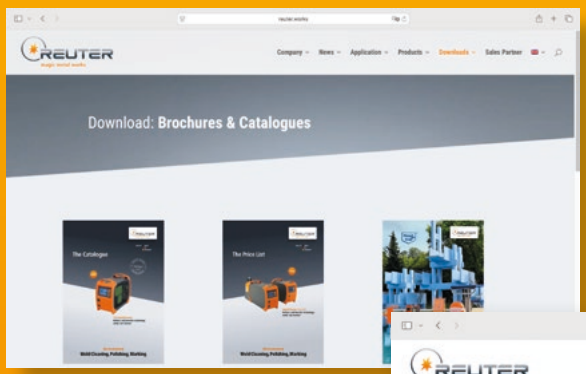
EcoCleaner
1 litre – item no.: EP-04-150
5 litres – item no.: EP-04-151

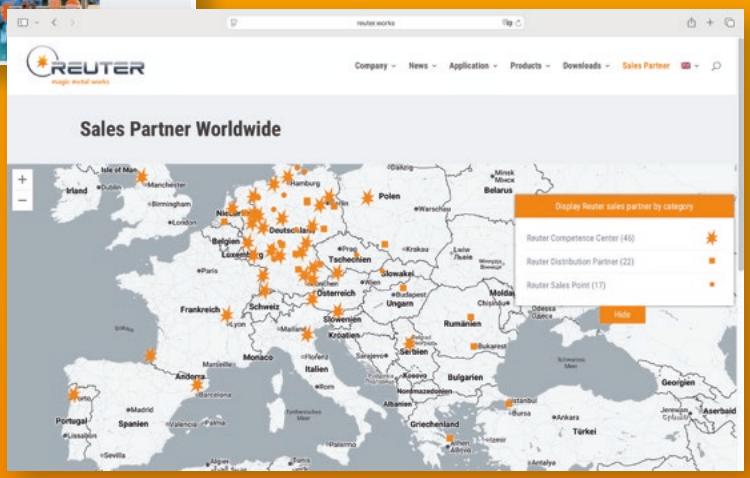
Our recommended prices
you will find in the current price list.

www.reuter.works

Know how, know where, know when







Reuter online:

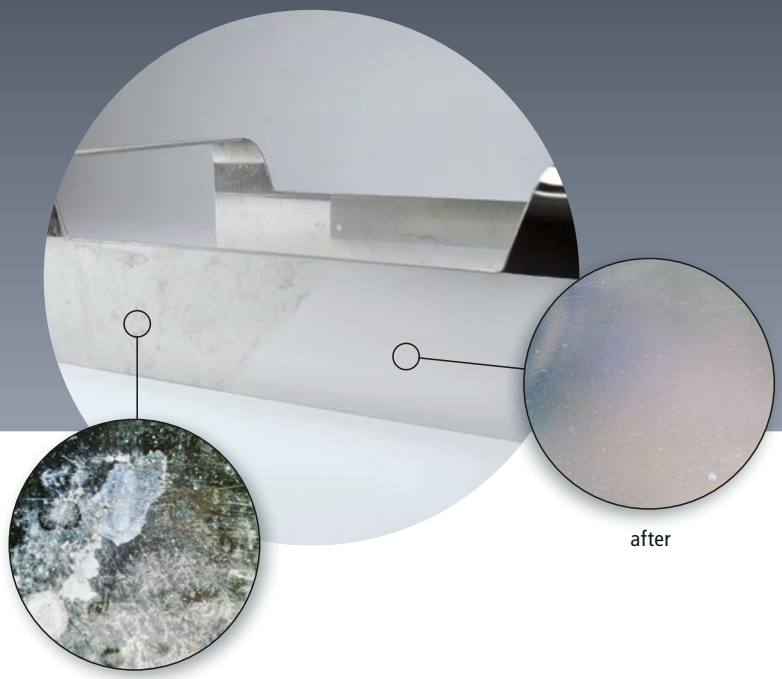
- ✓ Sales partners worldwide
- ✓ Operating instructions & safety data sheets
- ✓ News & events

www.reuter.works

Top products deserve premium service and competent consultation. That is why we do not sell our products via an online shop but exclusively through qualified sales partners.

Surface after-treatment

For a shiny result



after

before

Care products
for pre- and post-treatment

The Pre&Post Cleaner is a light, non-flammable cleaning and neutralising agent that does not require labelling. It is suitable for degreasing BEFORE welding; AFTER weld cleaning it cleans and neutralises the surface and prevents the formation of white spots.

Pre & Post Clean 500ml
Item no.: EP-04-912



Our StainlessCare Spray is the perfect stainless steel care product for treatment AFTER electrochemical cleaning. The light cleaning effect does not attack the fresh passivation, produces an even light shine, has an antistatic effect and protects against fingerprints.

Stainless Care Spray 400ml
Item no.: EP-04-950



Special agent
for correction

White spots after electrochemical cleaning are avoidable – but should they occur, our two specialists can help: the SFC chemically causes a slight removal, the Abrasive Cleaner works chemically and mechanically. The liquids are applied with a cloth or cleaning pad, then neutralised with our Pre&Post Cleaner and rinsed off with water.

SFC Stainless Finishing Cleaner 1l
Item no.: EP-04-803



Abrasive Cleaner 100ml
Item no.: EP-04-908



Surface Cleaner

For the big picture



Electrochemical cleaning
for large surfaces

Our surface cleaners with widths from 10, 20 and 35 cm are suitable for cleaning, derusting and passivating large stainless steel surfaces such as tanks, silos or facades. For efficient cleaning, the surface cleaner requires the highest possible energy output; it can therefore only be used together with our most powerful models. Welded seams should still be cleaned with the carbon fibre brush beforehand.

Surface cleaner M
Item no.: EP-02-991

Surface cleaner L
Item no.: EP-02-992

Set surface cleaner XL
with telescopic pole up to 180 cm and 18l-bucket
Item no.: EP-02-913

AutoFeed-Flächenreiniger in sizes M (10 cm wide) and XL (35 cm wide). They are equipped with 5m hose and cable for automatic electrolyte supply. After connecting it to our MagicBox (see page 16) your productivity will go through the roof while the electrolyte consumption is declining.

AutoFeed surface cleaner M
Item no.: EP-02-891

AutoFeed surface cleaner XL
Item no.: EP-02-933

M



AutoFeed surface cleaner M

new

XL



AutoFeed surface cleaner XL

WorkStations from Reuter

A workplace made to measure



Video:
WorkStation XL in action

Your workplace for weld seam cleaning:

- in seven different versions or as a customised special design
- with extensive accessories:
  - extraction systems
  - neutralization plant
  - waste water spreading
  - hydrojet gun



Your Cleanox becomes a full-fledged workplace

The WorkStations made of acid-resistant materials turn your Cleanox into a fully-fledged workplace. They offer sufficient space for the unit and accessories; a work surface with a drain and collection tank for water and electrolytes enables productive working. At the same time, a GRP grating protects your workpieces from damage and prevents unwanted current transfer.

You have the choice between our mobile models in different sizes and designs - or you can configure your own WorkStation or a stationary extraction table to suit your needs.

With our extensive range of accessories, you can make your workplace particularly efficient, ergonomic and environmentally friendly:
For your **waste water treatment**, we offer a fully automatic pH neutralizer and downstream scalable VE filter units.
For the **extraction system**, you can choose between a 230V high-vacuum point extraction system or a whisper-quiet 400V medium-vacuum extraction system for continuous operation. The extraction screens of our systems put your workpiece in the right light with their bright LED rings.



WorkStation S
Dimensions: 610 x 460 x 950 mm
Item no.: EP-06-241

WorkStation M
Dimensions: 800 x 400 x 1000 mm
Item no.: EP-06-030

WorkStation M Pro
incl. extraction
Dimensions: 800 x 400 x 1000 mm
Item no.: EP-06-034

WorkStation L
incl. drain and waste water canister
Dimensions: 1200 x 800 x 1000 mm
Item no.: EP-06-020

WorkStation XL Pro
incl. drain, waste water canister, extraction, control cabinet
Dimensions: 1200 x 800 x 1000 mm
Item no.: EP-06-015

WorkStation XXL
incl. drain, waste water canister
Dimensions: 2000 x 1000 x 1000 mm
Item no.: EP-06-065

WorkStation XXL Pro
incl. drain, waste water canister, extraction, control cabinet
Dimensions: 2000 x 1000 x 1000 mm
Item no.: EP-06-035





Two powerful fans
and four filters on the back



The extraction table
for long-term use

The robust stainless steel construction is designed for multi-shift industrial use. Two radial fans deliver an incredible 1,900m³/h extraction capacity at a whisper-quiet 65dB. The side windows can be folded in and the roof electrically retracted - so you can process workpieces of any size. The perforated stainless steel extraction wall can also be folded in. With its large castors, this complete workplace can then be transported safely and easily.

As an option, we can equip the extraction table with an smooth hydraulic height adjustment of up to 40 cm – that's balm for your spinal discs.

Extraction table
Dimensions: 1800x1100x700
Item no.: EP-06-066

Extraction table
with height adjustment
Dimensions: 1800x1100x700–1100
Item no.: EP-06-055







The water treatment
stands completely on its own

Our fully automatic SPS-controlled water treatment plant purifies waste water from electrochemical cleaning in accordance with every legal requirement up to drinking water quality.

After neutralisation of the waste water, a 9-stage filter system reliably filters out sediments, phosphates, heavy metals and salts. The entire system, including diaphragm pump and collection tank, is mounted in a stable frame. It is extremely mobile on four castors.

Water treatment StandAlone
Item no.: EP-06-330

Rinse-and-Dry Set
including Hydrojet Gun

The Hydrojet Gun rinses your workpiece after weld seam cleaning in a water-saving way with high pressure and then dries it with compressed air. Lightning fast.

The complete Rinse-and-Dry Set comes with a deionised water filter, compressed air filter, hydrojet gun and a practical holder for the gun.

Rinse-and-Dry Set incl. Hydrojet Gun
Item no.: EP-06-070

Video:
Hydrojet-Pistole in action

Registered property rights
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- EP 2 868 779 B1
- EP 2 995 409 B1
- DE 20 2014 106 289 U1
- DE 20 2015 100 248 U1
- 004008605
- 9004008605
- DE 20 2017 105 145 U1
- DE 20 2023 103 319 U1
- 10 2023 112 249.5
- 30 2015 002 364

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magic metal works

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Private Label Manufacture

Your new Brand Device?



Reuter products are known for maximum durability and indestructible quality made in Germany. Use our market-leading technology for your strong trade brand: Reuter builds your in-house cleaning device for you – and supplies the entire cleaning range at the same time. From electrolyte and carbon fibre brushes to spare parts and extensions.

We offer you two options for the perfect "branding" of your cleaning device:

1. **Device modifying:** our existing appliances are modified for your private label –i.e. your corporate colours and logo are used on our appliances.
2. **Interior fit-out:** You provide your own housing together with the CAD data. We install our technology in it with the help of a specially developed inter-mediate frame (without drilling).

We should talk.

