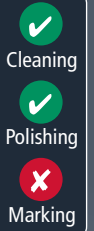


Carbon fibre brush: The quality makes the difference



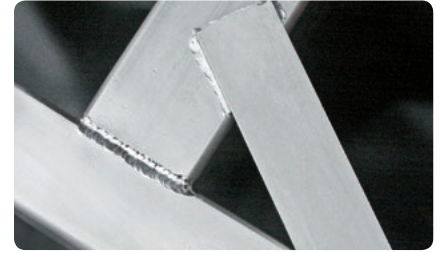
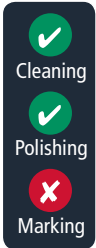
Electrochemical cleaning with carbon fibres - who invented this? Correct: Reuter! We have been producing this innovative solution at our site in Erkrath since 2012. We have also invented the sliding sleeves made of Teflon. Numerous utility models and patents secure our advantage over our competitors.

We ensure the use of high-quality materials and careful processing during production. This is the only way to achieve permanent acid resistance, rugged durability and maximum performance. It is the reason why up to 1.5 million carbon fibres fit the work piece so snugly.

We have, for example, made brush holders out of 1.4571 material and bonded them with hydraulic tools developed in-house at 700 bar. The handles and sliding sleeves consist of PTFE (Teflon) - and easily withstand the process temperatures of approx. 200°C.

Our brushes are available in a variety of shapes and sizes – for large areas, narrow spaces, for cleaning holes or the insides of pipes.





Carbon fibre brush

Price/performance ratio using the example of the carbon fibre brush XL, compared to that of our competitors

Fibre length: 40% more
Cross-section: 30% more
Total carbon fibre: 70% more

The 70% higher proportion of carbon fibre, together with robust processing, is responsible for the faster and more effective cleaning. In direct comparison, Reuter carbon fibre brushes are clearly the price/performance winners!




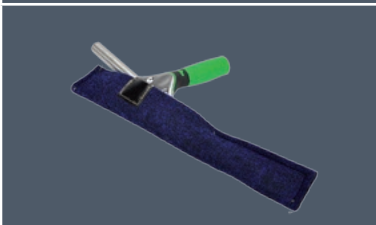


Item No.	Description	
EP-02-912	XL brushes , 60 mm usable length, approx. 1.5 million fibres	
EP-02-908	M brushes , 60 mm usable length, approx. 0.8 million fibres	
EP-02-902	An M6-to-M10 adapter is required for M-brush type EP-02-908 and the bottle brush	
EP-02-901	Teflon sliding sleeve – without brush – turned from solid PTFE, with M22 clamping nut, 50x20 mm, as replacement for XL brush standard sliding sleeve that is too thin for the increased thermal stress during continuous operation	
EP-02-901-F	Teflon sliding sleeve, flat shaped mouth	
EP-02-901-K	Teflon sliding sleeve, conical shaped mouth	
EP-02-901-M	Union nut M22	
EP-02-915	Carbon bottle brush Type DN10-50	
EP-02-917	Carbon bottle brush Type DN8-20 Both bottle brushes require adapter EP-02-902	
EP-02-909	4-fold brush incl. 4 units M-brush, mounted	
EP-02-905	2-fold brush incl. 2 units M-brush, mounted	
EP-02-903	Extension for brush / handle M10x75mm	
EP-02-904	Angle piece 40° M10 for brush / handle	

Surface cleaner

For cleaning, rust removal and passivating of large stainless steel surfaces such as tanks, silos, facades etc. For efficient cleaning, the surface cleaner requires the highest energy performance; it can therefore only be used together with the VI SuperCleanox HD. Welds should first be cleaned with a carbon fibre brush.

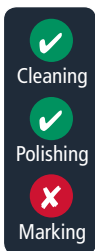
- ✓
Cleaning
- ✗
Polishing
- ✗
Marking

Item No.	Description	
EP-02-913	Surface cleaner , 35 cm width, with telescopic handle up to 180 cm (optional 250 cm), Stainless steel electrode 350 mm, Cleaning pad with Velcro fastening, 10 mm ² / 10 m connection cable with 200 A high current socket, bucket	
EP-02-914	Cleaning pad for surface cleaner for cleaning and passivating, 350 x 60 mm, white	
EP-02-919	Cleaning pad for surface cleaner for cleaning and passivating, longer service life 400 x 60 mm, white	
EP-02-920	Cleaning pad for surface cleaner for cleaning, passivating and polishing, longer service life 400 x 60 mm, brown/blue	



For the SuperCleanox VI HD only – see Page 4





Electrolytes for marking can be found on page 25

Electrolytes for cleaning & polishing

Item No.	Description
	CLEANER – electrolyte for cleaning slightly oxidised TIG weld seams
EP-04-021	2 kg container ¹ (net 1.71 l)
EP-04-211	4 x 2 kg container ¹ in carton ≈ approx. 10% discount (net 6.84 l)
EP-04-041	5 kg bottle ² with handle (net 4.22 l)
EP-04-355	4 x 5 kg bottle ² with handle in carton ≈ approx. 10% discount (net 21.1 l)
EP-04-351	30 kg ³ canister (net 26.34 l)
	NEUTRAL CLEANER PH 5,5 – skin neutral electrolyte – exclusively for cleaning TIG VA welds
EP-04-801	1 kg bottle ⁴ (net 0.9 l)
EP-04-802	6 x 1 kg bottle ⁴ in carton ≈ approx. 10% discount (net 5.4 l)

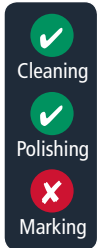
Item No.	Description
	SUPERCLEANER – to clean severely tarnished or oxidised weld seams
EP-04-012	2 kg container ¹ (net 1.48 l)
EP-04-212	4 x 2 kg container ¹ in carton ≈ approx. 10% discount (net 5.92 l)
EP-04-042	6 kg bottle ² with handle (net 4.51 l)
EP-04-356	4 x 6 kg bottle ² with handle in carton ≈ approx. 10% discount (net 18.04 l)
EP-04-220	35 kg canister (net 26.84 l)
	POLISHER – for polishing stainless steel surfaces; also very suitable for cleaning
EP-04-013	2 kg container ¹ (net 1.18 l)
EP-04-330	4 x 2 kg container ¹ in carton ≈ approx. 10% discount (net 4.72 l)
EP-04-043	7 kg bottle ² with handle (net 4.21 l)
EP-04-357	4 x 7 kg bottle ² with handle in carton ≈ approx. 10% discount (net 16.84 l)
EP-04-353	35 kg canister ³ (net 21.32 l)
EP-07-503	Tap for 30 l canister ³

Note: Weight information for electrolytes always relates to the gross weight. The filling height of the containers varies due to the different density of the electrolytes and the filling process.



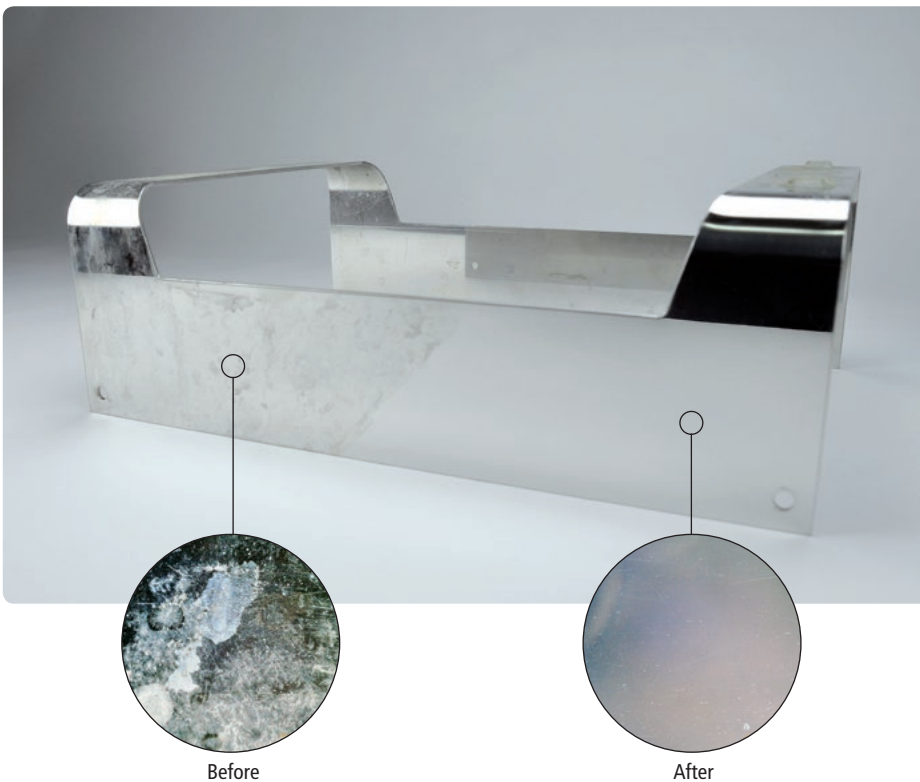
Surface finishing treatment

Item No.	Description
EP-04-800	SFC STAINLESS FINISHING CLEANER – 2 kg container – SFC removes grease and cleans stainless steel and other metal surfaces gently and reliably. Used on stainless steel, it renews and reinforces the passive layer at the same time.
EP-04-901	FPR STAINLESS STEEL CARE PRODUCT – 1.5 kg container – for finishing treatment of cleaned steel surfaces (fingerprint remover)
EP-04-909 EP-04-990	NEUTRALYT SOFT for removing electrolyte residues directly after cleaning 5 kg canister with integrated 350 ml spray bottle 30 kg in canister



Have electrolyte residues dried on after cleaning or polishing?

Are white streaks, clouding or scaling visible?
With our SFC cleaner, you can easily wipe it off.

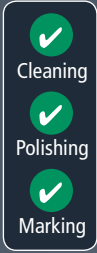


Does your stainless steel surface still look rather dull after cleaning, polishing or marking?

Take advantage of our stainless steel care product FPR. It brings out the contrast in your marking and leaves a waxy film as protection against fingerprints.

Do you still have stains on your surface after rinsing?
Is your tap water too hard?
Use our Neutralyt-Soft!





Ergonomic Cleaning, Polishing, Marking

Our workstations turn your Cleanox into a fully-fledged workplace – stationary or mobile.
Sufficient shelves for equipment and accessories as well as a working surface with integrated drain, enables ergonomic working.
The soft plastic surfaces protect your workpieces from scratches.



The Workstation
– stationary workplace –
Dimensions: 110x110x70 cm, weight 80 kg
Item no.: EP-06-020 & EP-06-024



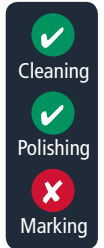
The Rolly
– mobile equipment trolley –
Dimensions: 42x90x55 cm, weight 20 kg
Item no.: EP-06-010

Item no.	Description	Rolly	Workstation
EP-06-010	Rolly – mobile equipment trolley	✓	
EP-06-020	Workstation – stationary workplace		✓
	Optional accessories:		
EP-06-021	Doors, rear wall and splash guard		•
EP-06-023	Extraction system		•
EP-06-024	Automatic electrolyt supply system consisting of Hose bundle 4m, teflon handle with integrated nozzle, motor-controlled hose pump. Only with AutoCleanox (EP-01-133)	•	•

• compatible accessories

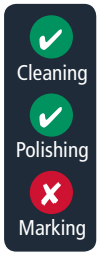
Accessories and consumables for cleaning & polishing

Item No.	Description	
EP-02-001	Carbon electrode 60°, M10 x 1.5 thread	
EP-02-001-By	Version with M10 x 1.0 fine thread (BYMAT)	
EP-02-002	Carbon electrode 30°, M10 x1.5 thread more pointed electrode for thin fillet welds for cleaning and polishing with cleaning handle	
EP-03-222	Kevlar felts, yellow, 40 x 60 x 2 mm suitable for 60 ° carbon electrode/cleaning handle for cleaning and polishing at stage III with the SuperCleanox VI	
EP-03-002	10 pieces	
EP-03-002	20 pieces	
EP-03-022	100 pieces	
EP-03-220	Kevlar felts, yellow, 40 x 100 x 2 mm suitable for 30° carbon electrode/cleaning handle for cleaning and polishing at stage III with the SuperCleanox VI	
EP-03-000	O-rings for fixing the felts to the carbon electrode	
EP-03-000-g	O-rings, black, PU 10 pieces High temperature O-rings, green, PU 10 pieces	
EP-02-018	Cleaning handle with 60° carbon electrode for 1.5 mm ² cable, 4 mm power socket Note: Only for stage III with Cleanox IV, SuperCleanox VI	
EP-07-005	Connection cable black, for cleaning handle	
EP-07-600	Teflon handle with highly flexible cable Handle air cooled inside – will not get hot in your hand; incl. 200 A insulated high-current plug with gold-plated laminated contacts with 4 m / 10 mm ² cable	
EP-07-601	with 6 m / 10 mm ² cable	
EP-07-603	with 10m / 10 mm ² cable	
EP-07-693	with 10 m / 16 mm ² cable	



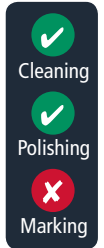
Accessories for marking can be found from page 26 onwards





Item No.	Description	
EP-07-309	Teflonhandle without inner parts	
EP-07-059	Inner part for electrode handle complete 10 mm²	
EP-07-059-16	Inner part for electrode handle complete 16 mm² CAUTION! The inner part cables must be connected by crimping with a pneumatic crimping tool!	
EP-02-999	Teflon handle solo with integrated 200 A high-current socket for 10 mm² cable	
EP-07-607	Teflon handle with high-current socket with 4 m / 10 mm² cable Handle is air cooled inside and will not get hot in your hand; incl. 200 A insulated high-current plug/socket with gold-plated laminated contacts	
EP-07-618	Connection cable with 2 high-current sockets 4 m	
EP-07-619	Connection cable with 2 high-current sockets 10m	
EP-07-608	Extension cable with high-current socket and high-current plug 4 m / 10 mm²	
EP-07-609	10m / 10 mm²	
EP-07-699	10m / 16 mm²	
EP-07-605	Earthing cable, highly flexible 10 mm², with 850 A clamp, incl. 200 A high-current plug with gold-plated laminated contacts 4 m / 10 mm²	
EP-07-602	6m / 10 mm²	
EP-07-604	10m / 10 mm²	
EP-07-691	10m / 16 mm²	
EP-07-606	Earthing cable, highly flexible 10 mm², with 200 A clamp, incl. 200 A high-current plug with gold-plated laminated contacts 4 m / 10 mm²	
EP-07-610	10 m / 10 mm²	
EP-07-301	200 A earthing clamp made of cast brass with large opening angle 80 mm, especially for pipes	
EP-07-300	850 A earthing clamp made of cast brass Opening angle 40 mm, plastic coating red, fully insulated	
EP-07-222	Mounting kit for 200A high-current socket comprising socket spanner and special nose spanner	
EP-07-206	High current socket black with lock nut	
EP-07-207	High current socket red with lock nut	
EP-07-106	Power socket / plug for brush handle cable, 10 mm², black	
EP-07-107	Power socket / plug for brush handle cable, 10 mm², red	
EP-07-106-16	Power socket / plug for brush handle cable, 16mm², black	
EP-07-107-16	Power socket / plug for brush handle cable, 16mm², red	

Item No.	Description	
EP-07-100	Wide-mouth container, 500 ml Working container, to be filled with electrolyte Note: maximum fill level 2 cm! Note: immerse brush often and long enough to cool!	
EP-07-102	Safety brush holder made from VA sheet metal for wide-mouth container 500 ml with glue clamp black/green	
EP-07-002	Spray bottle for water 500 ml For filling with tap water or demineralised water if the water hardness exceeds 10 dH	
EP-07-024	Pressure spray bottle, 2 litres For filling with tap water or demineralised water if the water hardness exceeds 10 dH	
EP-06-003	Protective glasses closed design with elasticated band	
EP-06-004 EP-06-004-11	Gloves, acid-resistant Cat III velour coated on the inside, reusable gloves, to protect your skin from drying out due to the electrolyte acids Size 8 Size 11	
EP-06-005	Acid-resistant apron, robust design, black, reusable	
EP-06-002	Stainless steel bath approx. 300 x 200 x 20 mm integrated drip tray made of stainless steel ideal for cleaning and marking small parts	
EP-06-006	Barrier cream (liquid glove), 500 ml to protect your skin from drying out due to the electrolyte acids, apply before working	
EP-07-019 EP-07-017	Plastic box, orange with REUTER logo, sturdy design, suitable for: – SuperCleanox IV+/VI/VI HD; 600x400x320 mm – Cleanox 2.0/4.0/4.2; 300x400x320 mm	
EP-07-023	Trolley for one large or two small plastic boxes, orange with robust PVC rollers	



Accessories for marking can be found from page 26 onwards

