Cleaning ✖
Polishing ✖
Marking ✔

From a single source

**We supply everything you need for marking:
Equipment, templates, electrolytes, accessories.
This means you can be sure
that everything will work perfectly.**

Long-term templates

Long-term templates can be used up to 5000 times. Due to the high resolution of 2400 dpi, even small 4-point fonts can be marked on the work piece.

A plastic frame is available as an option, to give the film more stability and facilitate alignment on the work piece.

The maximum template size is 80x50 cm (4000 cm^2).

Price calculation: To create a long-term template, we charge an order fee (reproduction / photosetting costs and proofs - not charged for reorder). In addition, a price per cm^2 will be charged according to the template size (see table). When calculating the size of the template, please note that your subject requires a margin of 2 cm on each side - for aligning and fixing on your work piece.

Item No.	Template size
	Template <u>with</u> plastic frame
EP-05-003	up to 100 cm^2
EP-05-004	101 to 200 cm^2
EP-05-005	201 to 500 cm^2
EP-05-006	501 to 4000 cm^2

Item No.	Template size
	Template <u>without</u> plastic frame
EP-05-007	up to 100 cm^2
EP-05-008	101 to 200 cm^2
EP-05-009	201 to 500 cm^2
EP-05-010	501 to 4000 cm^2

* For templates over 500 cm^2 we recommend: for curved surfaces, unframed templates, for flat surfaces, an aluminium frame - we are happy to calculate this for you on request.
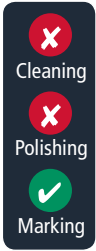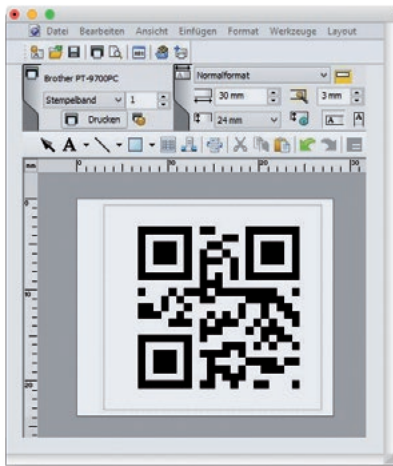
Example: long-term template with plastic frame

Plastic frame

⚡ **Attention** power supply change 115/230 V

Cleanox 4.0
Elektrochemisches Reinigungsgerät

Serien-Nr.: 680/11.15.00003
Mehr Infos unter:

115/230V 50Hz 10,5 V
1.000 VA, IP 23
6 A CE

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**Image size: 8 cm x 3 cm
corresponds to template size: 12 cm x 7 cm**

Calculation example:
12 cm x 7 cm = 84 cm^2

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Print your own marking templates

With the help of a labelling machine, you can create your own single-use marking templates –
the ideal solution for marking your products with individual product numbers.
On the display printers, you can create text and numbers on the spot and print them directly.
By connecting the printer to the PC, you can embed logos, frames, or bar codes in the label layout.
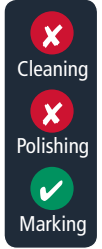

Screenshot
Labelling software

Item No.	Description	
EP-05-221 EP-05-228 EP-05-229	**Label Printer Brother PT-H500** Professional labelling machine with PC connection, print resolution 180 dpi, band width 18-24 mm supplied without batteries / power cord, incl. USB cable **Optional accessories:** Mains adapter Lithium/ion batteries	
EP-05-220	**Brother PT-E550WVP** Professional labelling machine for industrial application, print resolution 180 dpi, band width 18-24 mm, WLAN, incl. Li-Ion battery, mains cable / USB cable, carrying case	
EP-05-204	**Brother PT-D600VP** Professional labelling machine including colour display, print resolution 180 dpi, band width 18-24 mm, incl. mains cable / USB cable, carrying case	
EP-05-208 EP-05-209	**Brother P-touch P900W** Professional labelling machine for the PC, print resolution 360 dpi, band width 18-36 mm, incl. mains cable / USB / WLAN **Brother P-touch P950NW** Equipment as above plus network connection	
EP-05-213	**Brother P-touch D800W** Professional labelling machine incl. WLAN and separate LCD keyboard, print resolution 360 dpi, band width 18-36 mm, incl. mains cable / USB / WLAN	
EP-05-223 EP-05-224	**Brother TD-4000** Professional label printer for high print volumes, print resolution 300 dpi, for 100 mm continuous label roll, incl. mains cable / USB cable **Brother TD-4100N** Equipment as above plus network connection	
EP-05-210 EP-05-211 EP-05-212	**Labelling bands, 3 m** for Label Printer PT-H500, PT E550WVP, PT-D600VP, PT-9700PC, PT-9800PCN 18 mm band width 24 mm band width 36mm band width	
EP-05-911 EP-05-912	**Template paper 100 mm** for thermal template printer TD-4000 / TD-4100N 45 m continuous label roll 3 m continuous label roll other sizes on request	

Electrolytes for marking

Dark marking applies an oxidation layer to the surface; bright marking removes parts of the surface - like engraving, but does not look dark. Both methods are permanent and resistant to chemicals and abrasion - and are therefore often used for surgical instruments, tools, sanitary fittings, etc.
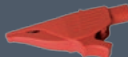

| Cleaning |
| Polishing |
| Marking |

Item No.	Description
	Electrolyte for dark marking on stainless steel (AC) and bright marking on aluminium (DC)
EP-04-004	100 ml
EP-04-014	500 ml
EP-04-044	1,000 ml
	Electrolyte for marking aluminium (not anodized) - DC
EP-04-007	100 ml
EP-04-018	500 ml
EP-04-077	1,000 ml
	Electrolyte for marking corrosion-sensitive structural steels - AC
EP-04-006	100 ml
EP-04-016	500 ml
EP-04-066	1,000 ml
	Electrolyte for marking burnished surfaces - DC
EP-04-053	100 ml
EP-04-054	500 ml
EP-04-056	1,000 ml
	Electrolyte for marking surgical instruments and gold-plated surfaces - AC
EP-04-106	100 ml
EP-04-020	500 ml
EP-04-038	1,000 ml
	Electrolyte for bright marking on stainless steel – DC
EP-04-045	100 ml
EP-04-046	500 ml
EP-04-049	1,000 ml

Item No.	Description
	Electrolyte for marking brass, bronze, copper and zinc - AC
EP-04-005	100 ml
EP-04-015	500 ml
EP-04-055	1,000 ml
	Electrolyte for marking titanium – AC
EP-04-050	100 ml
EP-04-051	500 ml
EP-04-052	1,000 ml
	Electrolyte for marking chrome-plated and nickel-plated surfaces - AC
EP-04-017	100 ml
EP-04-047	500 ml
EP-04-048	1,000 ml
	Electrolyte for marking tool steel (hardened) – AC
EP-04-008	100 ml
EP-04-039	500 ml
EP-04-088	1,000 ml
	Highly concentrated neutralyte for neutralising after marking
EP-04-009	100 ml
EP-04-019	500 ml
EP-04-099	1,000 ml

Accessories and consumables for marking

Item No.	Description	
EP-03-111 EP-03-001 EP-03-011	**Marking felts, white, 40 x 60 x 2 mm** suitable for 90 ° carbon electrode / marking handle for marking lettering using a marking electrolyte 10 pieces 20 pieces 100 pieces	
EP-03-110	**Marking felt roll 40 x 5000 x 1.70 mm**	
EP-03-000	**O-rings, 10 pieces** For attaching the felts to the carbon electrodes	
EP-02-033	**Marking handle with 90° carbon electrode** for 1.5 mm² cable, 4 mm power socket	
EP-07-005	**Connection cable** black, for marking handle	
EP-02-003 EP-02-003-By	**Carbon electrode 90°, M10 x1.5 thread** for marking with templates and white marking felts, universally usable with marking or cleaning handle Version with M10 x 1.0 fine thread (BYMAT)	
EP-07-044 EP-07-055	**Connection cables** 1 m / 1.5 mm², with angled plug for Signox devices for cleaning and marking with carbon electrode and red handle. Not suitable for cleaning with carbon fibre brushes! Connection cable red Connection cable black	
EP-07-003	**Crocodile clamp, red** For marking small parts in connection with connection cables 1.5 mm² Opening angle 35 mm, max 15 A continuous load Not suitable for cleaning with carbon fibre brushes!	
EP-07-006 EP-07-007 EP-07-008	**Power sockets** for Cleanox IV, Signox II and polishing handle, 4 mm Device socket red Device socket black Handle socket black	
EP-02-050	**Marking set** complete basic marking equipment in a case Contents: • red Softtouch marking handle, 90 ° marking electrode • 2 m bl, 1.5 mm" connection cable • 1 x 100 ml marking electrolyte for stainless steel (universal) • 1 x 50 ml Neutralyt • 5 white marking felts • 5 O-Rings • Sample marking template	