

■ Made
■ in
■ Germany



Ultrasonics.Steam.Ultraclean.



Watches and jewellery

Elmasteam 4⁵ basic

Steam jet cleaning with reliability and quality - Made in Germany

- Professional 4.5 bar steam pressure with long steam availability due to high heat output
- High reliability and long service life of the steam tank
- Quality product made by Elma, with 3 years warranty*
- Compact design - space saving tabletop model or with wall brackets
- TÜV type approved according to DIN 61010-1 and CE certified

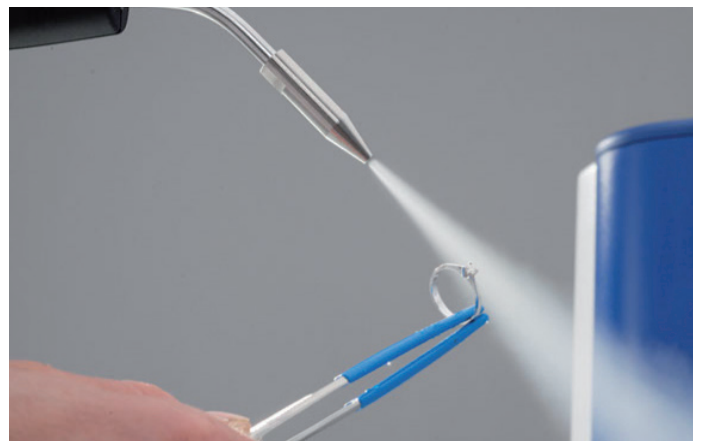
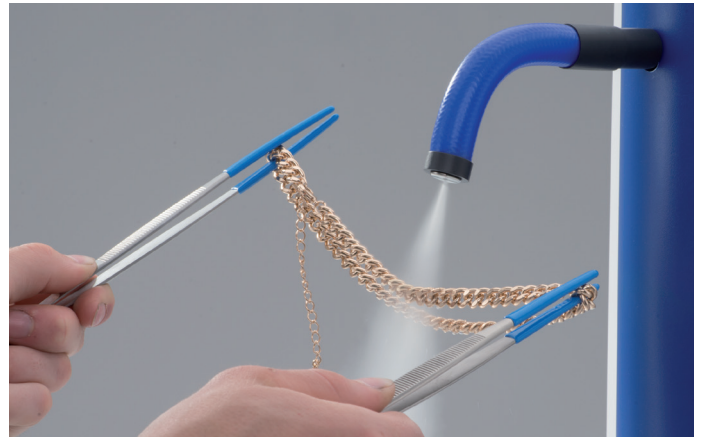
Elmasteam 4⁵ basic with fixed nozzle or flexible hand piece

Elmasteam 4⁵ basic is the ideal steam cleaning machine for watch and jewellery making workshops for the cleaning of worn and mounted jewellery as well as for watch straps, chains and rings with set stones.

Cleaned with steam and/or in combination with ultrasound, the cleaned jewellery shines again after just a very short time. During production steps, polishing pastes are easily cleaned off with Elmasteam 4⁵ basic.

There are two versions of Elmasteam 4⁵ basic:

- a. with fixed nozzle:
This enables working with both hands. Ideal for holding chains or straps securely and also for detaching the smallest dirt particles from inside the chain links.
- b. with flexible hand piece (HP):
Using this, the product to be cleaned can be held with the steam tweezers and sprayed all-round quickly and effectively. Ideal for rings - also with set stones.
(Be careful with fashion jewellery with glued stones.)



The hand piece fits well in the hand and has been designed in accordance with ergonomics principles for longer use. The valve is purely mechanical and thus very robust and with a long service life.

Application examples before and after the cleaning

Jewellery ring



Cleaning of dirt arising from wearing

Jewellery chain



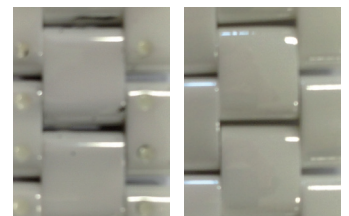
Cleaning of polishing pastes

Watch case



Cleaning of polishing pastes

Watch strap



Cleaning of grease and silicone

With the Elmasteam 4⁵ basic and basic HP, contaminations such as oils, adhesives and pickling agents can also be gently removed. The Elmasteam is used for degreasing the parts before galvanisation.

Quality, reliability and safety

QUALITY and SAFETY are top priorities at Elma. This means, only tried and tested components and high quality materials are used.

The user is protected by the TÜV type approval according to DIN 61010-1 and the high implemented safety standards. The "two-chamber design" consistently separates the water-carrying system and the electrical equipment. The electrical area is thus protected against any leaks in the water-carrying system which significantly reduces the risk of any machine failure.



The pressure tank with a filling volume of approx. 3.3 litres is cast from special material. The heating is integrated and emits its energy into the water over a large area. This increased radiation area reduces lime deposits when using mains water. However, the use of de-mineralised or distilled water is recommended.

By taking these measures and provided that the unit is being operated properly, the usual warranty can be increased to 3 years.

(Wear parts are not covered by the warranty.)

• Simple start-up of the steam jet cleaner: fill water via the integrated funnel, screw closed and let the machine heat up.

• Storage tray: for small parts during the work.

• Operation display: clear display, constant check of the operating status.

• Fixed nozzle: for working with both hands.

• Indirect heating:
- short heating-up time
- high steam availability
- simple decalcification and tank cleaning
- long service life

• Practical foot pedal: for switching the steam on and off.



It is recommended to use demineralised or distilled water to significantly reduce the maintenance intervals. If mains water is used, regular rinsing out in accordance with the operating instructions must be performed using the rinsing set via the safety ball valve.

The Elma cleaning concept

Due to their high performance, Elmasteam steam jet cleaners are used for precleaning before the cleaning with ultrasound or for intermediate cleaning in the production process.

Elmasteam steam jet cleaners are also used for rinsing. The steam is free of minerals; therefore watch straps, jewellery and precious stones are spotless after the drying.



Technical Data

Mains voltage (V)	220 - 240
Mains frequency (Hz)	50 / 60
Max. power consumption (W)	2800
Rated power at 230 V (W)	2130
Case material	PC/ABS
Weight empty (kg)	6,75
Order numbers:	
Elmasteam 4 ^s basic with fixed nozzle and foot pedal	106 8874

Pressure tank volume (litres)	4
Max. filling volume (litres)	3,3
Operating pressure (bar)	4,5
Dimensions W x D x H (mm)	245 / 305 / 320
Steam temperature in the tank (°C)	155
Steam temperature at the nozzle (°C)	135
Order numbers:	
Elmasteam 4 ^s basic HP with hand piece	106 8907

The scope of delivery includes:



Tweezers · Sieve · Maintenance hose · Rinsing set · Tank cap with safety valve

Further accessories:



Wall bracket

*3 years warranty for proper use in accordance with the operating manual. Wear parts are not covered by the warranty.

