



Industry



Elmasteam

Intensive steam pre-cleaning or rinsing after ultrasonic cleaning

High pressure steam cleaner from the cleaning specialists

the cleaning specialists



Elmasteam

- High steam pressure of 8 bar for intensive pre-cleaning before cleaning in an ultrasonic unit.
- Oil, grease, chipping, soot and other contaminations are removed within seconds.
- Environment-friendly, only hot steam is applied at high exit speed:
 - No use of chemicals
 - The contamination is removed by a highly concentrated steam jet.

The Elmasteam steam cleaning units stand out due to their reliability. The stainless-steel tank is filled either manually or automatically via an optionally available integrated pump. Depending on the configuration, the Elmasteam can be operated with hard city water or softened / deionized water. If hard city water is used the unit must be decalcified on a regular basis.

The Elmasteam units produce a steam pressure of 8 bar which makes the cleaning power of the Elmasteam units exceptionally strong compared to other brands usually operating at only 4 – 6 bar pressure.

Ideally, the Elmasteam units are used for pre-cleaning before fine cleaning in an ultrasonic unit. The steam removes even large quantities of most tenacious contaminations. The subsequent fine cleaning in an ultrasonic unit guarantees a high degree of cleanliness both on external and internal surfaces. Ultrasound cleans everywhere the cleaning liquid goes.

After pre-cleaning and ultrasonic cleaning the steam can be used for rinsing. The steam heats up the surfaces of the cleaned item which can then be dried by compressed air.

Elmasteam options: with flexible hand piece or with fixed nozzle

Elmasteam 3000 and 5000

The units are fitted with a 3 or 5 litre stainless-steel tank in which the operating pressure of 8 bar is produced. Due to the high steam pressure, the Elmasteam units are good for almost any cleaning job.

One typical feature of all steam cleaning units is that the pressure goes down within a short period of operation. The extra strong heating of the Elmasteam units ensures that there is only a very little pressure loss and the pressure is maintained at a constant level.

Generally, both steam pressure stability and steam availability are better on units with larger tank capacities.

The Elmasteam 3000 (3 litre tank) is ideal for short and discontinuous cleaning jobs in service and repair shops.

The Elmasteam 5000 (5 litre tank) provides a larger steam quantity over prolonged operating periods. This makes it perfect for jobs in the production and for servicing larger amounts of cleaning items.

Fixed nozzle or hand piece

The Elmasteam 3000 can be fitted either with a fixed nozzle or with a flexible hand piece. The Elmasteam 5000 can operate with one or two steam outlets and can be fitted with any combination of fixed nozzle and hand piece. As an additional option both units can be equipped with a connection for compressed air.

The fixed nozzle allows the user to hold the cleaning item with both hands. With the flexible hand piece even items with difficult geometries can be thoroughly cleaned.

Elmasteam – perfect for many applications

- for the industrial cleaning of metal or plastic parts and for the cleaning of
- casings and motor parts in the workshop
- mechanic parts in service and repair workshops
- parts in the manufacturing of implants
- tools
- electronics



Plastic parts: before and after cleaning with steam and ultrasound



Metal parts: before and after cleaning with steam and ultrasound



Elmasteam steam cleaning for industrial production

*Elmasteam ES 5000
with 2 fixed nozzles*



*Elmasteam ES 5000
with 1 fixed nozzle
and 2 hand pieces*

*Elmasteam ES 5000
with 1 hand piece*



Accessories

Technical data

Unit type		Elmasteam 3000	Elmasteam 5000
Mains voltage	Vac	115 or 230	230 – 240
Mains frequency	Hz	50 / 60	50 / 60
Mains connectin		shock-proof socket, 1 phase	shock-proof socket, 1 phase
		USA: grounded NEMA 5-20 plug	USA: grounded NEMA 6-15 plug
Mains impedance max	Ohm	0.155	0.155
Power max	W	1790	2950
Current consumption max 120V/230V A	A	15.5 / 7.8	12.8
Required mains fuse 120 V / 230 V	A	20 / 10	16
Protection degree base unit		IP X3	IP X3
Protection degree hand piece		IP X4	IP X4
Sound pressure level at 8 bar dB	A	93	93
Pressure in pressure vessel	bar	8	8
Pressure vessel capacity	Litre	3	5
Max. filling capacity	Litre	2.6	4.7
Steam temperature at outlet	°C	approx. 160	approx. 160
Casing dimensions incl. feet WxDxH	mm	338 x 260 x 296	338 x 260 x 391
Total unit dimensions with hand piece support and fixed nozzle WxDxH	mm	385 x 445 x 330	385 x 445 x 420
Casing material		stainless steel	stainless steel
Weight incl. foot activator	kg	approx. 16	approx. 20

