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Ultrasonics.Steam.Ultraclean.



Ultrasonic cleaning devices

Elmasonic EASY

The easy way to clean.

- More power with Pulse-function for mineral soiling and polishing pastes
- Visual limit temperature warning to protect sensitive parts
- Easy handling with safety shutdown for more user safety

www.elma-ultrasonic.com

Elmasonic EASY

Superior cleaning technology

The Elmasonic EASY series includes 9 units of different sizes and is characterized by simple, user-friendly operation. With 100 % ultrasonic power at a **frequency of 37 kHz**, the Pulse-function and visual warning (when bath temperature reaches the set limit), the Elmasonic EASY solves typical cleaning tasks quickly and efficiently.

The activatable Pulse-function is suited to remove tenacious, mineral soiling and polishing pastes. The ultrasonic power is

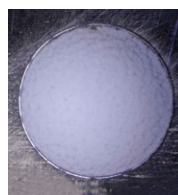
increased up to 20 %, so that any soiling will be removed easily and quickly.

The limit temperature can be adjusted according to individual requirements. When the set temperature limit is reached the unit gives out a visual warning that helps to prevent the coagulation of proteins and protects sensitive items from damage due to high temperatures.

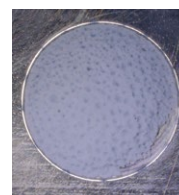
Comparison of Sweep and Pulse effects

The **permanently integrated Sweep-function** ensures an even sound field distribution and therefore an even removal of soiling. Ideal for fats, oils and pigments, as these are rapidly dissolved in the cleaning solution.

The **adjustable Pulse-function** increases the ultrasonic peak power. The ultrasonic impacts infiltrate the soiling which then flakes off. Ideally for hard, encrusted dirt such as plaster and polishing pastes. In addition, the cleaning effect is up to 20 % faster visible.



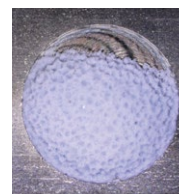
After 5 minutes
with Sweep



After 10 minutes
with Sweep



After 5 minutes
with Pulse



After 10 minutes
with Pulse

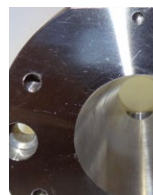
Application examples before and after cleaning

Jewellery chain



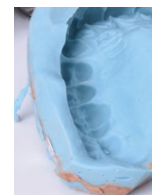
Removal of polishing pastes

Flange



Removal of grease and silicone

Impression Tray



Removal of alginate / impressive mass

Elmasonic EASY in the dental laboratory



Elmasonic EASY in the chemical analysis laboratory



Elmasonic EASY

Ultrasonic cleaning devices with 100 % ultrasonic power

The Elmasonic EASY units are available in 9 different sizes, all with stainless-steel casing. They are equipped with higher unit feet, which improves the protection of the electronics against splashwater. From the EASY 30 H upwards the units are equipped with a heating and from the EASY 60 H upwards they have drain duct on the rear.



Elmasonic EASY for cleaning jewellery and watch parts



Elmasonic EASY for cleaning industrial parts in workshops



Elmasonic EASY

Technical data and accessories

	EASY 10 / H	EASY 20 / H	EASY 30 H	EASY 40 H	EASY 60 H	EASY 100 H	EASY 120 H	EASY 180 H	EASY 300 H
Tank capacity max. (l)	0.8	1.75	2.75	4.25	5.75	9.5	12.75	18.0	28.0
Tank labour capacity (l)	0.7	1.2	1.9	3.2	4.3	7.5	11.3	12.9	20.6
Ultrasonic power effective (W)	30	35	80	140	150	150	200	200	300
Heating power (W)	60	120	200	200	400	400	800	800	1200
Unit ext. dim. W/D/H (mm)	206/133/182	176/189/218	301/189/218	301/189/268	362/201/269	363/289/272	363/289/272	393/352/322	566/352/322
Tank int. dim. W/D/H (mm)	188/83/59	141/127/97	222/122/99	217/117/149	275/125/149	282/222/149	276/216/199	304/274/199	480/275/199
Basket int. dim. W/D/H (mm)	177/73/30	112/103/49	198/106/49	190/105/74	255/115/74	255/200/73	250/190/113	280/250/113	455/250/112
Weight (kg)	2.0	2.1	3.3	4.0	5.1	5.9	7.5	8.5	11.0

Accessories

The extensive accessories programme includes cooling coils, noise protection boxes and various baskets, holders and brackets.

Thus Elmasonic EASY ultrasonic units can be used to clean jewellery and watch parts, laboratory instruments, dental lab instruments or industrial parts.



Drying units Elmadyr TD, cleaning baskets in different dimensions and with different mesh sizes: 7x1mm, 9x1mm or 16x1.2mm; ring holder, clamping devices for watch straps, etc.



Hostalen- and acid resistant plastic tubs, test tub or tool holders, clamps and immersion baskets



Noise protection boxes in 2 different sizes to reduce noise up to 75 %



Cooling coils, glass beakers, covers with holes to insert glass beakers, etc.



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