Ultrasonic 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.
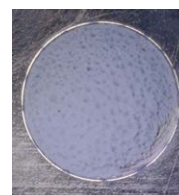
Comparison of Sweep and Pulse effects

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.

After 5 minutes with Sweep

After 10 minutes with Sweep

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.
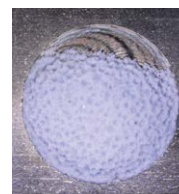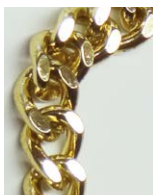

After 5 minutes with Pulse
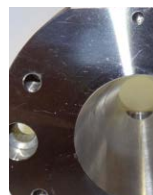

After 10 minutes with Pulse

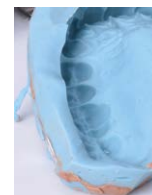## Application examples before and after cleaning

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.

Filling mark

Practical
carrying handles

Cover as noise protection and as drip pan

Elmasonic EASY 60 H

Protection against
splashing water
with higher feet stand

Opening/closing
of the drain
on the rear side
(from EASY 60 H)

Elmasonic EASY 30 H

Start/Stop button

On/Off button
and regulation of
cleaning duration

Temperature regulation

LED display
for Pulse function

LED display
for limit temperature

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)	206/120/182	176/176/219	264/176/219	263/176/269	341/196/269	339/281/272	342/285/322	371/347/322	544/347/322
Tank int. dim. W/D/H (mm)	190/85/59	137/123/99	225/124/99	220/118/149	281/132/149	281/222/149	276/216/199	303/273/199	477/274/199
Basket int. dim. W/D/H (mm)	177/73/30	112/103/50	198/106/50	190/105/75	255/115/75	255/200/75	250/190/115	280/250/115	455/250/115
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.
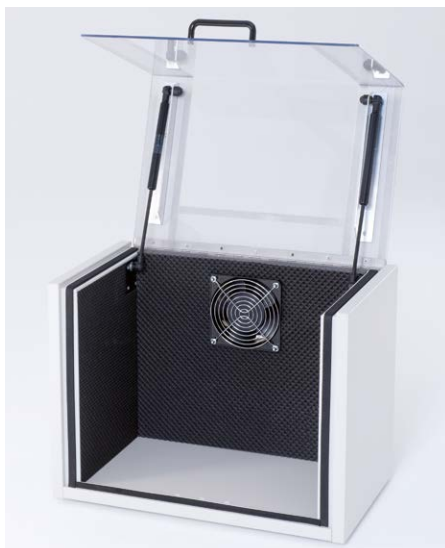
Thus Elmasonic EASY ultrasonic units can be used to clean jewellery and watch parts, laboratory instruments, dental lab instruments or industrial parts.

Drying units Elmadry 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 resitstant 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, glas beakers, covers with holes to insert glas beakers, etc.

Elma Ultrasonics.Steam.Ultraclean.

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