Ultrasonic Cleaning Units

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

■ Registered as medical device class I

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 in the dental practice and dental laboratory quickly and efficiently.

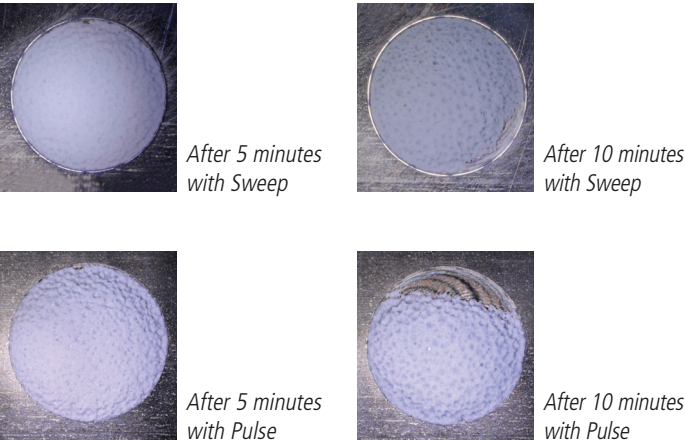The activatable function "Pulse" is suited to remove tenacious, mineral soiling and polishing pastes. The ultrasonic power is increased up to 20 %, so that any soiling will be removed easily and quickly.

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.
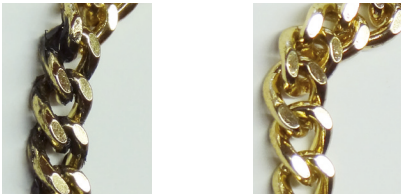
Comparison of Sweep and Pulse effects

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. Ideal ly 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
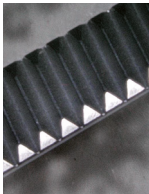
Jewellery chain

Removal of polishing pastes

Dissecting forceps

Removal of blood

Flange

Removal of grease and silicone

Elmasonic EASY in the dental laboratory and dental practice

Elmasonic EASY for pre-cleaning medical instruments

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.

Furthermore the Elmasonic EASY units are covered by the "Elma Commitment to Quality" with 2 years warranty and replacement guarantee for the first year following date of purchase.

★
★ **ELMA QUALITY**
★
★ **Made in Germany**

Filling mark

Practical carrying handles

Cover as noise protection and as drip pan

Elmasonic EASY 60 H

Drain button
(from EASY 60 H)

Better protection against splashing water with higher feet stand

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

	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
Ultrasonic frequency (kHz)	37	37	37	37	37	37	37	37	37
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 external dim. W/D/H (mm)	206/120/186	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 internal dim. W/D/H (mm)	190/85/59	137/123/99	225/124/99	240/118/149	281/132/149	281/222/149	276/216/199	303/273/199	477/274/199
Basket internal 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.
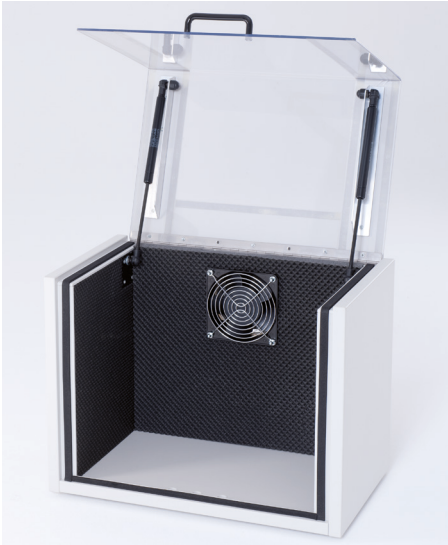
Thus Elmasonic EASY ultrasonic units can be used to clean jewellery and watch parts, laboratory instruments, to pre-clean dental or medical instruments pre-clean medical instruments or for industrial parts cleaning.

Cleaning baskets in different dimensions and with different mesh sizes: 7x1mm, 9x1mm or 16x1.2mm, ring holder, clamping devices for watch straps, hot air dryer, 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.

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