made
in
germany

Ultrasonics.Steam.Ultraclean.



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

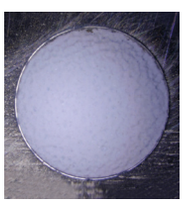
The Elmasonic EASY series includes 9 units of different sizes and is characterized by simple, user-friendly operation. With 100 % ultrasonic power at a frequency of 37 kHz, the Pulse function and visual warning (when bath temperature reaches the set limit), the Elmasonic EASY solves typical cleaning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

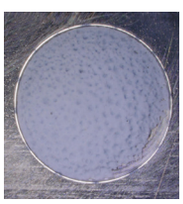
The limit temperature can be adjusted according to individual requirements. When the set temperature limit is reached the unit gives out a visual warning that helps to prevent the coagulation of proteins and protects sensitive items from damage due to high temperatures.

## Comparison of Sweep and Pulse effects

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



*After 5 minutes with Sweep*

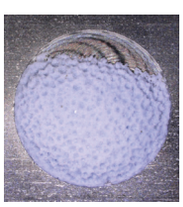


*After 10 minutes with Sweep*

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

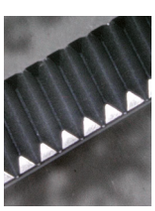




Removal of polishing pastes

Dissecting forceps

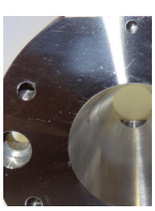




Removal of blood

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




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.

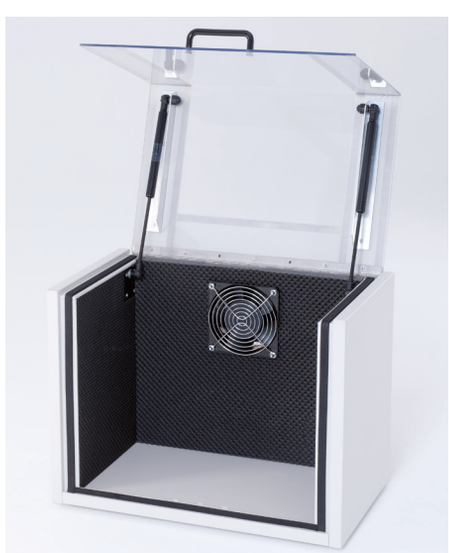
Thus Elmasonic EASY ultrasonic units can be used to clean jewellery and watch parts, laboratory instruments, to pre-clean dental or medical instruments pre-clean medical instruments or for industrial parts cleaning.



*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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Subject to technical and optical changes. · Elmasonic Easy_EN_04_16