

# Ultrasonic Tanks

EN

The state of the art  
ultrasonic cleaners



**Euronda**<sup>®</sup>  
Pro System

<https://stomshop.pro>

# Ultrasonic Tanks

## The state of the art ultrasonic cleaners

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# Euronda Pro System

Products, Process, Protection



## Cleaning



**Thermal  
disinfection**

Eurosafe 60



**Ultrasonic  
washing**

Eurosonic® 4D  
Eurosonic® 3D  
Eurosonic® Energy  
Eurosonic® Micro



**Thermosealing**

Euromatic®  
Euroseal® Valida  
Euroseal®  
Euroseal® Infinity



**Sterilization  
rolls**



**Euroseal®  
Check**

Euronda Pro System is a Total Protection System for practices that has been developed to ensure the safety of staff, patients, instruments and working environments. The steps of the sterilization process - from collection to storage - can be successful only if carried out properly.

Thanks to the Pro System line, it is possible to implement a cutting-edge, effective and efficient protocol that can be followed on a regular basis and increase the safety of a practice while optimizing its resources.



## Sterilization



### Autoclaves

EXL  
E10  
E9  
E8



### Tests



### Traceability / Retrieving



### Water treatment

Aquaosmo  
Aquabox  
Aquafilter 1 to 1  
Aquadist

# Ultrasonic Tanks

The state of the art  
ultrasonic cleaners



Professional ultrasonic tanks are indispensable to remove even the most stubborn residues from instruments. The Eurosonic® Pro System ultrasonic tanks guarantee maximum efficiency and extremely handy operation during daily tasks, which are made even easier and more user-friendly thanks to upgraded management and control systems and the redesigned range, now more compact and ergonomic.



# Euronda Pro System



# Eurosonic<sup>®</sup> 4D

## A new dimension to ultrasonic washing

Eurosonic<sup>®</sup> 4D is the most advanced digital ultrasonic tank in the Euronda Pro System range. It has a LED backlit controller and it is intuitive and user-friendly thanks to the light signals associated with different cycles, times and temperatures.



**Tank capacity:**  
3.8 L



**Dimensions (wxhxd):**  
335 x 260 x 205 mm



**Weight:**  
5 kg  
(with basket and cover)



**CE Type Ref:**  
Eurosonic<sup>®</sup>: 4D

### LED backlit controller





## Resistant

Steel body and anti-deformation cover, with non-drip system.



## Simple

LED backlit controller and “luminous progress bar” for simple, intuitive use.



## Ergonomic

Side handles facilitate movements; a tap on the back eases emptying.



## Efficient

Users can choose between 6 preset cycles with set times and temperatures, and free cycles with temperatures between 30°C and 60°C.



There are two operational modes, allowing users to choose one of the 6 preset cycles (instruments, burs, impression trays, cement removal, plaster removal, and prostheses) or run a free cycle at a temperature between 30°C and 60°C, with a duration between 10 and 40 minutes. There are 4 different operating stages in the 6 preset cycles: Degas, Boost, Normal and Sweep.

Eurosonic® 4D has a drain on the back and it comes with a tap and pipe, as well as side handles for easier movement.



### **Degas mode**

This mode is always the first one as it prepares the liquid for a better cleaning efficacy.



### **Boost mode**

The boost mode is used to clean the instrumentation from coarse impurities.



### **Normal mode**

The immersed instrumentation is micro-brushed and the use of enzymatic powders or detergents delivers a cleaning effect of the highest quality.



### **Sweep mode**

The frequency is made to swing around the base frequency, so that the waves propagate evenly throughout the tank, enhancing cavitation to the maximum and optimising cleaning.

# Euronda Pro System



# Eurosonic<sup>®</sup> 3D

## The balanced choice for ultrasonic washing

A digital ultrasonic tank featuring a constant operating temperature of 60°C and time adjustable to between 0 and 30 minutes, through the backlit controller.

Eurosonic<sup>®</sup> 3D is equipped with the Sweep Mode Technology for homogeneous distribution of the ultrasonic waves and more uniform cleaning. It also features the visual cycle countdown, thanks to the LED lights surrounding the front controller. The side handles facilitate the tank shifting operations.



**Tank capacity:**  
2.7 L



**Dimensions (wxhxd):**  
270 x 240 x 195 mm



**Weight:**  
3.7 Kg  
(with basket and cover)



**CE Type Ref:**  
Eurosonic<sup>®</sup>: 3D

# Euronda Pro System



# Eurosonic<sup>®</sup> Energy

## Safe and accessible ultrasonic washing

The new Eurosonic<sup>®</sup> Energy tank is equipped with Sweep Mode technology which distributes ultrasonic waves uniformly, encouraging thorough and even cleaning. Sturdy and affordable, with a steel body and anti-deformation non-drip cover, it has side handles to facilitate emptying and a new, more effective and intuitive dashboard.



**Tank capacity:**  
2.7 L



**Dimensions (wxhxd):**  
270 x 240 x 220 mm



**Weight:**  
3.7 Kg  
(with basket and cover)



**CE Type Ref:**  
Eurosonic<sup>®</sup>: Energy

# Accessories

## Eurosonic® 4D



### Cover

Smoke-grey anti deformation cover with non-drip system



### Basket

Stainless steel perforated basket



### Beakers

600 ml capacity glass beakers with a plastic lid



### Holder

1x600 ml beaker holder



### Holder

3x600 ml beaker holder

# Eurosonic® 3D and Eurosonic® Energy



### Cover

Smoke-grey anti deformation cover with non-drip system



### Basket

Stainless steel perforated basket



### Beakers

600 ml capacity glass beakers with a plastic lid



### Holder

2x600 ml beaker holder

# Eurosonic<sup>®</sup> Micro

## Small size, high performance

Electronic compact stainless steel ultrasonic tank with a single on/off function with a preset 10-minutes work cycle. Equipped with one piezoceramic transducer, Eurosonic<sup>®</sup> Micro guarantees a perfect cleaning, especially of little instruments (burs, etc). Stainless steel tank of 0.5 litres. Plastic cover included.



**Tank capacity:**  
0.5 L



**Dimensions (wxhxd):**  
235 x 130 x 170 mm



**Weight:**  
1.1 kg (with cover)



**CE Type Ref:**  
Eurosonic<sup>®</sup>: Micro

# How to use the cover



The cover is essential for the proper use of ultrasonic tanks. During operation, it protects the operator against aerosol exposure and splashing liquid, it stabilises the temperature of the liquid inside the tank, and allows the ultrasound to reach and maintain the temperature more quickly, thereby saving time and energy.



The new cover of Euronda ultrasonic cleaners is also sound absorbing, as it is made of a special type of plastic, which attenuates noise produced by the ultrasonic waves. Moreover, it is equipped with an anti-drip system, which prevents any contamination of the work area and protects the operator's safety.

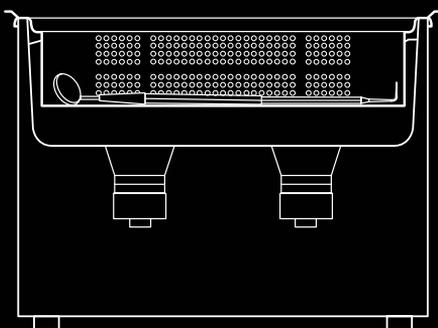


# Direct method and indirect method



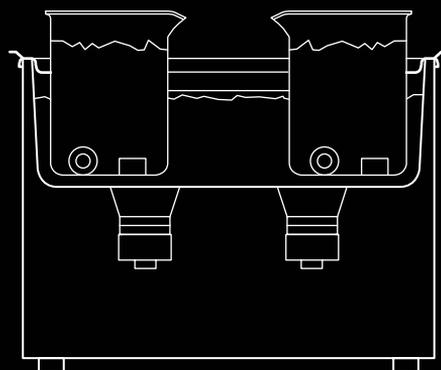
## Direct method

The advantage of this method is that it is very simple and allows for a very effective cleaning action. The cleaning solution must be poured into the tank (only one solution at a time) while the instruments must be either placed in the perforated basket or suspended. You can use the entire capacity of the tank, taking care to use the supplied cover to protect yourself from aerosol exposure. The dirt will build up at the bottom.



## Indirect method

This is particularly indicated for cleaning small instruments, such as milling machines or prostheses. The tank is filled with water and a cleaning solution to enhance cavitation. The beaker holder allows you to introduce different cleaning solutions into the beakers; this way you can clean even different types of instruments and choose the solution according to the type of residue to be removed. The dirt remains in the beaker. The beaker allows you to enhance the ultrasonic cleaning while the cover protects the operator against aerosol exposure.



# Technical specifications

## Eurosonic® 4D

	<b>External dimensions</b>	335 x 260 x 205 mm (wxhxd)	
	<b>Tank dimensions</b>	300 x 100 x 150 mm (wxhxd)	
	<b>Tank capacity</b>	3.8 L	
	<b>Weight</b>	5 kg (with basket and cover)	
	<b>Power supply voltage</b>	110 V	230 V
	<b>Absorption (power)</b>	240 W	300W

## Eurosonic® 4D pre-set cycles

Cycle type	Time	Temperature
Instruments	20 minutes	40 °C
Burrs	10 minutes	40 °C
Impression bite trays	40 minutes	60 °C
Cement removal	10 minutes	30 °C
Plaster removal	30 minutes	60 °C
Dentures	40 minutes	60 °C

## Certifications

- Ultrasonic tank:  
2014/35/EU - 2014/30/EU
- Company:  
ISO 9001 - ISO 13485

## Eurosonic® 3D

	<b>External dimensions</b>	270 x 240 x 195 mm (wxhxd)
	<b>Tank dimensions</b>	238 x 100 x 135 mm (wxhxd)
	<b>Tank capacity</b>	2.7 L
	<b>Weight</b>	3.7 kg (with basket and cover)
	<b>Power supply voltage</b>	230 V
	<b>Absorption (power)</b>	280 W

## Eurosonic® Energy

	<b>External dimensions</b>	270 x 240 x 220 mm (wxhxd)
	<b>Tank dimensions</b>	238 x 100 x 135 mm (wxhxd)
	<b>Tank capacity</b>	2.7 L
	<b>Weight</b>	3.7 kg (with basket and cover)
	<b>Power supply voltage</b>	230 V
	<b>Absorption (power)</b>	80 W

## Eurosonic® Micro

	<b>External dimensions</b>	235 x 130 x 170 mm (wxhxd)
	<b>Tank dimensions</b>	150 x 65 x 83 mm (wxhxd)
	<b>Tank capacity</b>	0.5 L
	<b>Weight</b>	1.1 Kg (with cover)
	<b>Power supply voltage</b>	230 V
	<b>Absorption (power)</b>	40 W

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