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Eurosonic® 4D - 3D - Micro

Euronda®
Pro System

ENGLISH

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For you who love to surround yourself with beautiful things,
even when you're working.
For you who hate complications.
For you who put safety before everything else.
For you who love well made things that last over time.
For you who want only the best...

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The state of the art ultrasonic cleaners.

Now, the Eurosonic® 4D - 3D - Micro ultrasonic cleaners provide even higher performance and are even easier and more pleasant to use.
The operating logic is more intuitive and user-friendly, thanks to the backlit controller, which allows you to manage the equipment easily and completely.
The graphics are clearer and neater, in line with those of the Euronda Sterilisation Line.

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Eurosonic® 4D.
For those who don't settle for second best.

Eurosonic® 4D is the fully digital and electronic ultrasonic tank with four operating modes calibrated according to the chosen cycle. The stainless steel tank has a 3.5 l capacity and is equipped with a water drain valve and fitting. The new non-deformable semitransparent cover with anti-drip system features a new design in line with the equipment. The following accessories are also available: perforated stainless steel basket, 3x600 ml beaker holder, 1x600 ml beaker holder, 600 ml glass beaker.

Read more
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Effective and simple.

The double operating range allows you to choose from six cycles with set time and temperature, and free cycles with temperature ranging between 30 and 60 °C and duration ranging between 10 and 40 minutes.
The set cycles have four different operating modes for more effective cleaning:
Degas mode, which releases the liquid from excess gas;
Boost mode, which removes coarse impurities;
Normal mode, during which the instruments are "micro-brushed";
Sweep mode for a "finishing" touch.



The core of Eurosonic® 4D is its backlit controller with an attractive graphical user interface that makes it really intuitive and user-friendly. The innovative light path, in line with the one of E9 Recorder autoclave, provides information on the cleaning status by means of indicator lights, thereby indicating the operator at a glance, even from a distance.

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Eurosonic® 3D. A balanced choice.

Eurosonic® 3D is the electronic, digital ultrasonic tank equipped with Euronda Sweep Mode technology with frequency shift. The piezoceramic transducer with double ceramic layer, makes the cleaning action particularly effective.
The new backlit controller allows you to choose the duration of the treatment (0 to 30 minutes), with a constant 60 °C temperature.
Eurosonic® 3D is fitted with two side handles to make it easier to move the tank around.
The stainless steel tank has a 3 l capacity. The available accessories are:
new non-deformable, semitransparent cover with anti-drip system, new perforated stainless steel basket, which improves the cleaning efficacy of the ultrasonic waves, thanks to their bounce effect, 2x600 ml beaker holder, 600 ml glass beaker.

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Eurosonic® Micro. The beauty of small things.

Eurosonic® Micro is the electronic ultrasonic tank intended for small instruments.
The stainless steel tank has a 0.5 l capacity, which means that the overall dimensions are particularly reduced. This model also presents more pleasant graphics, in line with the range.
Eurosonic® Micro is extremely easy to use, thanks to its single on/off button, which activates the set operating cycle with a 10 minute duration.
This model is supplied with cover included.



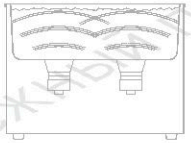
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SET CYCLES

CYCLE TYPE	DURATION	TEMPERATURE
1 - INSTRUMENTS	20 min	40 °C
2 - BURS	10 min	40 °C
3 - IMPRESSION TRAY HOLDER	40 min	60 °C
4 - CEMENT REMOVER	10 min	30 °C
5 - PLASTER REMOVER	30 min	60 °C
6 - PROSTHESES	40 min	60 °C

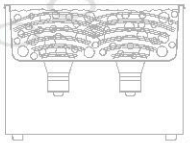
OPERATING MODES

DEGAS MODE



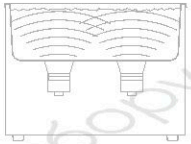
THE DEGAS MODE DEGASSES THE LIQUID UNDERGOING ULTRASOUNDS IN ORDER TO RELEASE IT FROM AIR BUBBLES, WHICH WOULD HINDER THE PROPER PROPAGATION OF THE WAVES.
THIS MODE IS ALWAYS THE FIRST ONE AS IT PREPARES THE LIQUID FOR A BETTER CLEANING EFFICACY.

BOOST MODE



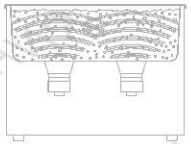
THE BOOST MODE IS USED TO CLEAN THE INSTRUMENTATION FROM COARSE IMPURITIES. IT CREATES A MARKED FREQUENCY MODULATION THAT LEADS TO WAVE POUNDING, WHICH CAUSES THE COARSE IMPURITIES TO DETACH.

NORMAL MODE



THE NORMAL MODE CREATES A MULTITUDE OF GAS BUBBLES INSIDE THE LIQUID, WHICH CAUSE THE SO-CALLED CAVITATION (FORMATION OF GAS CAVITIES IN A LIQUID). THE BUBBLES EXPAND UNTIL THEY IMPLODE RELEASING ENERGY AND HEATING THE LIQUID THAT CONTAINS THEM.
THIS WAY, THE IMMERSED INSTRUMENTATION IS MICRO-BRUSHED AND THE USE OF ENZYMATIC POWDERS OR DETERGENTS DELIVERS A CLEANING EFFECT OF THE HIGHEST QUALITY.

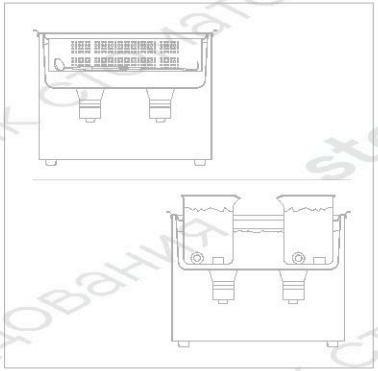
SWEEP MODE



THE SWEEP MODE SOFTENS THE EMISSION OF THE ULTRASONIC WAVES, WHICH CONTRASTING AGAINST EACH OTHER, CAN CANCEL EACH OTHER, THEREBY REDUCING THE CLEANING EFFECT. THIS STAGE, WHICH FEATURES A SOFTER MODULATION OF THE FREQUENCY OUTPUT, FINISHES THE CLEANING PROCESS OF THE PIECE IMMERSED IN THE ULTRASONIC BATH.

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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 CLEANING 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 DATA

EUROSONIC® 4D

OVERALL DIMENSIONS	320 x 240 x 170 (+65) mm (LxHxD)
TANK DIMENSIONS	300 x 100 x 150 mm (LxHxD)
TANK CAPACITY	3,5 ℓ
WEIGHT	4,5 Kg
OPERATING VOLTAGE	220-230 V - 50/60 Hz
POWER	300 W

EUROSONIC® 3D

OVERALL DIMENSIONS	260 x 220 x 156 mm (LxHxD)
TANK DIMENSIONS	238 x 100 x 135 mm (LxHxD)
TANK CAPACITY	3 ℓ
WEIGHT	3,3 Kg
OPERATING VOLTAGE	230 V - 50/60 Hz
POWER	280 W

EUROSONIC® MICRO

OVERALL DIMENSIONS	235 x 130 x 170 mm (LxHxD)
TANK DIMENSIONS	150 x 65 x 83 mm (LxHxD)
TANK CAPACITY	0,5 ℓ
WEIGHT	1 Kg
OPERATING VOLTAGE	230 V - 50 Hz
POWER	40 W

CERTIFICATIONS Ultrasonic tank: 2006/95/EC - 2004/108/EC - Company certifications: ISO 9001 - ISO 13485

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Euronda

Headquarters: EURONDA SPA
36030 Montecchio Precalcino (Vicenza) Italy
Via dell'Artigianato, 7
tel. +39 0445 329811 - fax +39 0445 865246
info@euronda.com - www.euronda.it Euronda SPA

Deutschland
EURONDA DEUTSCHLAND GMBH
48341 Altenberge
Am Landwehrbach 5
tel. +49 2505 9389 0 - fax +49 2505 9389 29
info@euronda.de - www.euronda.de

España: EURONDA SPA
IDENTYD - Av. Cabezo de Torres, 4, local
30007 Murcia - ESPAÑA
Atención al cliente: 900102034
info@euronda.es - www.euronda.es

France: EURONDA FRANCE
ZAC Les Vallées - Avenue de Bruxelles
60110 Amblainville
tél. +33 (0)3.44.06.69.70 - fax +33 (0)3.44.02.03.89
info@euronda.fr - www.euronda.fr

Russia
OOO FINSTAR
196128 St. Petersburg
5/2 Varshavskaya St.
info@finstartech.ru
+7 (911) 235 84 00
+7 (911) 211 10 29
Moscow
+7 (909) 903 84 32

Euronda spa reserves the right to change the details and features of the products presented herein at any time. Therefore, the products can vary and differ from the illustrated ones.

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