

# SONICA<sup>®</sup> 4200i

## Special flush-mountable model



<b>Product Code:</b>	<b>Serie:</b>
090.012.0005	4200i ETH
090.012.0006	4200i EP

# 14 Litres

### General characteristics

Ultrasonic Cleaning is a safe and efficient modern procedure, which ensures perfect cleaning within the shortest time possible. It has many advantages over ordinary cleaning methods.

Ultrasonics can remove even the most tenacious deposits from parts which would be difficult to reach by hand, it also reduces the risk of injury or infection which may occur during manual cleaning.

# SONICA® 4200i

## 14 Litres

REV. 0 10-2010

### Technical Data

Technical specification subject to change.

Main line voltage	230/240 V~50/60Hz
Main input power/consumption	300 W
Main input power with heating	800 W
Peak HF ultrasound power	600 W
US fequency	40 khz ± 5%
Liquid drain	1/2"
Transducers	4
Tank capacity	14
Weight (Kg)	11,3
Installation category	Class II according to EN 61010
Environmental conditions	Temperature Rel. Hum. 80% up to 31°C with linear decrease up to 50% at 40°C

### Tank Dimensions

Length	330 mm
Breadth	300 mm
Depth	150 mm

### External Dimensions

Length	440 mm
Breadth	497 mm
Height	595 mm

### Constructive Materials

Housing	Steel AISI 304
Tank	Steel AISI 304

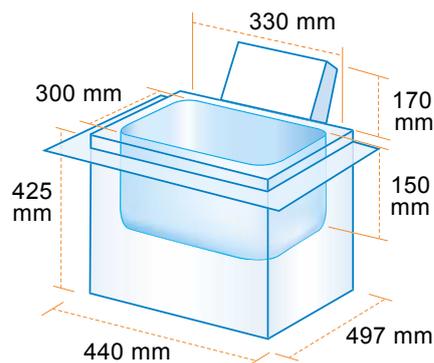
#### Notes for use as "Medical Devices":

**Denomination:** Ultrasonic Cleaning Device  
UMDNS-nomenclature (ECRI) 14-263

**Field of application:** cleaning and disinfection of surgical and dental instruments

**Classification** (Medical Devices Directive 93/42/EEC, appendix IX):

Class I, Non Active MD, Non Invasive MD, Non Implantable MD



CE 2004/108/EC EMC Directive (EN 61326)  
2006/95/EC LV Directive (EN 61010-1)  
2007/47/EC Medical Device Directive

### Available series

#### ETH



**Serie ETH** Cleaning times and temperatures controlled electronically by a microprocessor. Waterproof control panel and Sweep System generator.

#### EP



**Serie EP** The most technologically advanced of the SONICA range: Sweep System generator; modern digital display control panel windows; degas time setting; cleaning times from 0 to 99 minutes; tank liquid temperature setting up to 70°C; memory for 9 cleaning programmes; jet program function to start quickly and easily cleaning cycle.

Control panel



Outer flush-mounting rim



Work surface



Front view of the SONICA unit  
flush-mounted to the work surface

## Notes for the installer

The unit must be flush-mounted and installed on the work surface by skilled technicians. Check that there is sufficient ventilation inside the bench or work surface where the unit is to be installed and that there are no sources of heat or humidity.

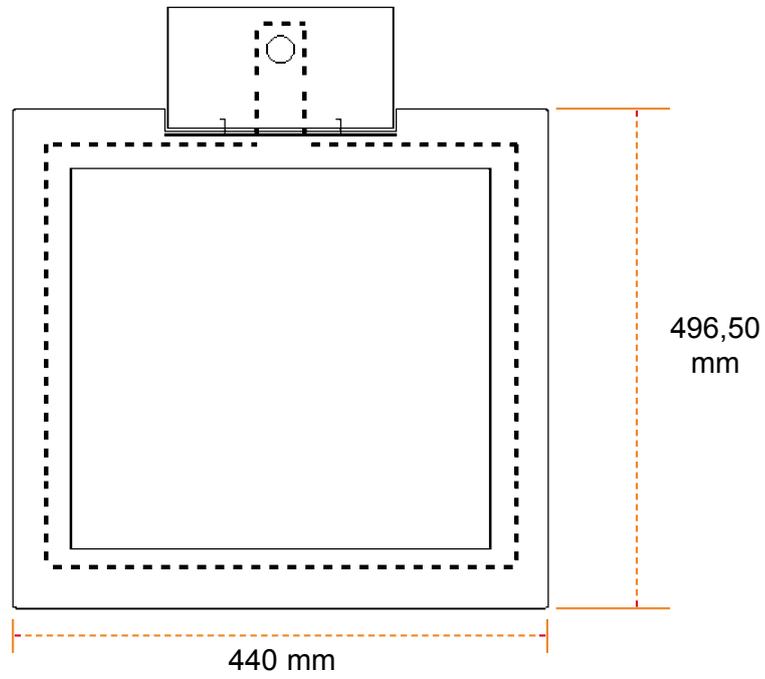
The unit must be mounted and installed exactly as the manufacturer supplies it.

Under no circumstances must the control panel or parts of it be removed or separated since this would jeopardise the electrical safety and functioning of the unit.

## How to install the unit correctly

- 1 Cut out the work surface following the shape and measurements of the design supplied with the unit.
- 2 Insert the unit inside the flush-mounting housing and seal the outer steel rim with the silicone or equivalent sealing product.
- 3 Check that the entire rim is perfectly sealed to the work surface in order to prevent any liquid infiltrations that might damage the structure of the bench surface and the unit.
- 4 Connect the drainage tube and turn off the tap.
- 5 Connect the supply lead to the unit and then the plug to the electric socket.
- 6 Fill the tank with the liquid up to the reference notch, taking care not to wet the control panel and not to spill liquid outside the tank.
- 7 Proceed with switching on the unit following the operating instructions described in the chapters referring to the supplied version (ETH – EP).
- 8 Use the drainage tube to empty the tank and pour the liquid into a container suitable for this operation.

## Size measurements



## Cutting measures

