

SONICA[®] 90 Litres

Product name

SONICA 90L EP S3 *

Ultrasonic Cleaner

Code

090.003.0040

Accessories

Stainless steel wire basket
Internal dim. 575x475x190mm

090.004.0013

Stainless steel lid

090.004.0029

Stainless steel auxiliary tank
SONICA 5300
Indicative dim. 500x300x200mm

090.004.0048



Further accessories on request

** Special stainless steel tank made in AISI 316Ti thickness 20/10 with round tank corners for a better removing of dirt residuals after cleaning process. The tank is welded with TIG process*

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.

Notes for use as "Medical Devices"

Denomination: Ultrasonic Cleaning Equipment EMDN: Z12011302

Field of application: Ultrasonic Cleaning Equipment for surgical and dental instruments

Classification: Medical Devices Regulation Class I rule 13, Active MD, Non Invasive MD, Non Implantable MD

Product MDR compliant Regulation (EU) 2017/745

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Cod. fisc. e P.IVA: IT11127210158

N. Mecc.: MI 221750 - C.C.I.A.A. Milano N. 1441548

Iscr. Trib. Mi Reg. Soc. N. 343391/8444/41

Cap. Soc. Euro 110.500 i.v. - Iscr. Registro AEE Nr. IT08020000000435



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Technical specification subject to change

Technical Data

Main line voltage	230/240V~50/60Hz
Main input power/consumption	1000 W
Main input power with heating	3000 W
Peak HF Ultrasound Power	2000 W
US frequency	39 kHz ± 1 kHz with SWEEP SYSTEM Technology
Liquid drain	1/2"
Transducers	24 (2 Piezoelectric ceramics each)
Tank capacity [L]	90
Weight [KG]	40
Installation category	Class II according to EN 61010-1
Environmental conditions	Temperature Rel. Hum. 80% up to 31°C with linear decrease up to 50% at 40°C
IP grade	IP 22
CE-compliant	

EMC (EN 61326-1)
 LV (EN 61010-1 EN 61010-2-040)
 2017/745/UE Medical Device Regulation
 Risk Class I according to the rule 13 to the MDR

Overheat switch : Automatic bimetallic Thermostat operating at 140°C fixed on the heating element

Effective Tank Internal Dimensions

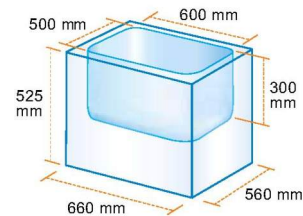
W/D/H (mm)	600 / 500 / 300
Max filling volume tank	90 L

External Appliance Dimensions

W/D/H (mm)	660 / 560 / 525
Max operating tank volume	81 L

Constructive Materials

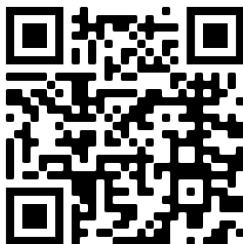
Housing	Stainless steel AISI 304
Tank	Stainless steel AISI 316Ti 20/10



Control panel available series

M	MH	ETH	EP
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NOT
AVAILABLE



NOT
AVAILABLE

NOT
AVAILABLE



EP serie: The most technologically advanced of the SONICA range: **Sweep System** generator; modern digital display control panel window; 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.