

SONICA[®] 45 Litres

Product name

Product name	Code
SONICA 45L EP S3 *	090.003.0038 *

Ultrasonic Cleaner

Accessories

Stainless steel wire basket Internal. dim. 460x260x190mm	090.004.0011
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Stainless steel lid	090.004.0027
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Stainless steel auxiliary tank SONICA 5300 Indicative dim. 500x300x200mm	090.004.0048
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Stainless steel auxiliary tank SONICA 5200 Indicative dim. 500x300x150mm	090.004.0047
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Stainless steel auxiliary tank SONICA 3300 Indicative dim. 300x240x150mm	090.004.0044
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Stainless steel auxiliary tank SONICA 3200 Indicative dim. 300x240x100mm	090.004.0042
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Also possible with Auxiliary tank 2400 series	090.004.0041
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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

Further accessories on request

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

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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	600 W
Main input power with heating	1600 W
Peak HF Ultrasound Power	1200 W
US frequency	39 kHz ± 1 kHz with SWEEP SYSTEM Technology
Liquid drain	1/2"
Transducers	12 (2 Piezoelectric ceramics each)
Tank capacity [L]	45
Weight [KG]	21
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

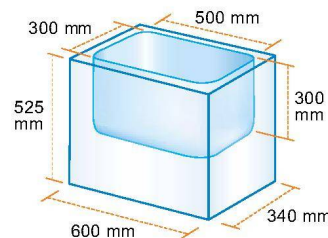
W/D/H (mm)	500 / 300 / 300
Max filling volume tank	45 L

External Appliance Dimensions

W/D/H (mm)	600 / 340 / 525
Max operating tank volume	40 L

Constructive Materials

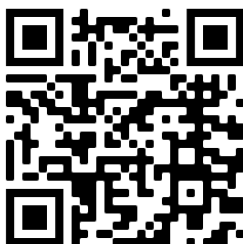
Housing	Stainless steel AISI 304
Tank	Stainless steel AISI 316Ti 20/10



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.