








FinnSonic M Range Ultrasonic Cleaners – Technical Specifications

			
Name	FinnSonic M3 Ultrasonic Cleaner	FinnSonic M12 Ultrasonic Cleaner	FinnSonic M30 Ultrasonic Cleaner
Code	V011M32	V011M122	V011M302
External dimensions (mm)	300 x 175 x 214(h)	360 X 272 X 323(h)	570 x 330 x 320(h)
Weight (kg)	3,5	8	11,2
Tank dimensions (mm)	235 x 134 x 97(h)	297 x 238 x 200(h)	500 x 298 x 200(h)
Filling volume (l)	1,9	9	20,6
Tank max volume (l)	2,75	12,75	28
Materials			
Tank, frame	AISI 304	AISI 304	AISI 304
Heating power (W)	200	800	1200
Temperature range (°C)	Ambient - 80°C	Ambient - 80°C	Ambient - 80°C
Ultrasonic power nom/peak (W)	80/320 Transducer bonded to tank bottom	200/800 Transducers bonded to tank bottom	300/1200 Transducers bonded to tank bottom
Ultrasonic frequency (kHz)	37	37	37
Booster/Sweep/Degas	Yes/ Yes/ Yes	Yes/ Yes/ Yes	Yes/ Yes/ Yes
Drain valve	Stainless steel, R 3/8"	Stainless steel, R 3/8"	Stainless steel, R 3/8"
Voltage (VAC)	220-240	220-240	220-240
Frequency (Hz)	50-60	50-60	50-60
Connected load (W)	280	1000	1500
Packing	Carton box 36*26*35 cm, gross weight 5 kg	Carton box 41*35*39 cm, gross weight 11 kg	Carton box 63*42*45 cm, gross weight 15 kg
Scope of Delivery	M3 Ultrasonic cleaner, basket and lid	M12 Ultrasonic cleaner, basket and lid	M30 Ultrasonic cleaner, basket and lid
Basket			
Basket internal dimensions (mm)	191 x 95 x 50(h)	240 x 181 x 120(h)	443 x 238 x 120(h)
Mesh size mm	3 x 3	5,5 x 4	6 x 6
Max load (kg)	1	7	10
Material	AISI 304	AISI 304	AISI 304
Lid			
	Material polypropylene. Closes tightly with basket in tank. Can be used also as a drip tray for basket when placed upside down on table.		
Notes	Lifting handles Non aggressive aqueous liquid.		

Updated 29.11.2018. Technical data subject to change without further notice.

Control	<p>Digital control</p> <ul style="list-style-type: none"> • Rotating dial for treatment time setting: (min) 1, 2, 3, 4, 5, 10, 15, 20, 25, 30, ∞ for continuous (automatic switch off after 8 hours of operation). Led indicator for remaining treatment time. • Rotating dial for heating on/off and temperature setting. Range 30 - 80°C in 5°C steps. Led indicator for setpoint and actual temperature. • Main power on/off • Treatment start/stop • PreSet function for temporary storage of a preselected program • Degas -function switchable • Booster - function for the temporary increase of the ultrasonic peak power switchable • Permant frequency Sweep • The machine switches off automatically 8 hours after the last operation of any control knob. • In order to protect the ultrasonic oscillators, the heater and the ultrasound are switched off at a tank temperature of ≥ 90 °C and an error notification is indicated.
Standards, Norms	<p>The machine complies with</p> <p>Electromagnetic Compatibility Directive (EMC) 2014/30/EC</p> <p>Low Voltage Directive (LVD) 2014/35/EC</p> <p>RoHS – directive 2011/65/EU</p> <p>Medical devices directive 93/42/EEC</p>

Options		
	<p>Name</p> <p>M3 Beaker set: holder, 2xbeaker, 2xlid, 2xring</p>	<p>M12 Beaker set: holder, 2xbeaker, 2xlid, 2xring</p>
Code	V011M3GBSET600	V011M12GBSET600

Name	Glass beaker 600 ml Ø95 mm	Holding ring for beaker Ø95 mm	Lid for beaker Ø95 mm
Code	V011M3BK	V011M12BK	V011M30BK

Name	Beaker holder M3, place for two beakers Ø95 mm	Beaker holder M12 and M30, place for two beakers Ø95 mm
Code	V011M3BH	V011M12BH

Name	Safety thermostat and heating reduction for ultrasonic tanks
Code	V011STM
Notes	Enables use of AIII class (flash point >55 °C) flammable solvents in ultrasonic tanks.

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