Customer:

Reference:

GETINGE ULTRASONIC CLEANERS

PRODUCT DESCRIPTION

The range of Getinge Ultrasonic cleaning units are free-standing bench models with built-in stainless steel tank and are available in six different models, from 3 liters to 45 liters, one model without heating. Ultrasonic cleaning makes it possible to clean intricate parts with little or no disassembly, because ultrasound will clean wherever the cleaning liquid gets in contact with a surface. Including lid.

• The Sweep function guarantees an optimized and efficient ultrasound cleaning, as the frequencies in the bath will be homogeneous and whatever should be cleaned, can be placed in any position in the bath.

• The Degas function speeds up the degassing process in the cleaning liquid, particularly in freshly mixed baths. Auto degas function is used for an automatic degassing cycle, recommended before starting the cleaning process, to reach a more effective process.

• The user friendly and easy to understand operating panel is arranged so that no liquid can enter the electronics. For the users convenience the set cleaning period (constant light) and the remaining cleaning time (blinking light) are both indicated by LED display.

• For models with heat; the set temperature as well as the actual temperature is indicated by LED display, and of course they have a dry run protection.

• The Getinge Ultrasonic unit includes a stainless steel tank cover, which will reduce the noise from cleaning process.

APPLICATION

Designed for **the medical sector** for thorough cleaning of surgical instruments, rigid endoscopes, flexible endoscope accessories and of micro instruments.
In **dental applications** for cleaning of instruments, removal of cement and plaster, cleaning of dental mould spoons, drills and protheses as well as cleaning of dentures, crowns.

At **the lab** for cleaning of instruments made of glass, plastic or metal. The Getinge Ultrasonic can be used for degas of HPLC solutions as well as for the mix, disperse, emulsify and dissolve of specimens.

KEY FEATURES

• Electronic time and temperature control, 30-80 °C

• High performance transducer system

• Auto start temperature controlled / temperature pre-selection

STANDARDS & CODES

Each ultrasonic cleaner is built in accordance with the following international safety norms:

• ISO 9001+13485

• CE-certified

• RoHS-directive

PRINCIPLE OF OPERATION

Fill the tank with water and a detergent, degas. Set the temperature. Place the items to be cleaned in the wire mesh basket and lower them into the tank. Turn on the cleaner. Set the cleaning time. Place the tank cover on top of the unit.

TESTING AND DOCUMENTATION

All ultrasonic cleaners have been tested according to Getinge demands. Operating instructions and technical information are included in the delivery. For optimal cleaning results, we recommend to use our Getinge Ultrasonics with the Getinge Clean detergent range and Getinge Assured Indicators.

TECHNICAL DATA, Tick your selection.

Art. No. 220V/50-60Hz	Art. No. 115V/50-60Hz	Product name	Tank capacity,	Heating	Tank size (L x W x H), mm	External size, (L x W x H), mm
6003000219 ☐	6003000220 ☐	Getinge Ultrasonic 30/Dentapro	2,75	Yes	240 x 137 x 100	300 x 179 x 214
6003000072 ☐	6003000073 ☐	Getinge Ultrasonic 60	5.75	Yes	300 x 151 x 150	365 x 186 x 264
6003000076 ☐	6003000077 ☐	Getinge Ultrasonic 100	9.5	Yes	300 x 240 x 150	365 x 278 x 264
6003000080 ☐	6003000081 ☐	Getinge Ultrasonic 150	14	No	505 x 300 x 100	568 x 340 x 224
6003000084 ☐	6003000085 ☐	Getinge Ultrasonic 180	18	Yes	327 x 300 x 200	390 x 340 x 321
6003000088 ☐	6003000089 ☐	Getinge Ultrasonic 300	28	Yes	505 x 300 x 200	568 x 340 x 321
6003000207	--	Getinge Ultrasonic 450	45	Yes	500 x 300 x 300	615 x 370 x 467

![GETINGE / GETINGE GROUP logo]

Technical details	Getinge Ultrasonic 30	Getinge Ultrasonic 60	Getinge Ultrasonic 100	Getinge Ultrasonic 150	Getinge Ultrasonic 180	Getinge Ultrasonic 300	Getinge Ultrasonic 450
Article number Mains voltage 220-240V/50-60Hz	6003000219	6003000072	6003000076	6003000080	6003000084	6003000088	6003000207
Article number Mains voltage 100-120V/50-60Hz	6003000220	6003000073	6003000077	6003000081	6003000085	6003000089	–
Tank Volume max. liter	2,75	5,75	9,5	14	18	28	45
Tank internal dimensions, W/D/H mm	240/137/100	300/151/150	300/240/150	505/300/100	327/300/200	505/300/200	500/300/300
Unit outer dimensions, W/D/H mm	300/179/214	365/186/264	365/278/264	568/340/224	390/340/321	568/340/321	615/370/467
Weight, kg	3,3	5,1	5,9	10	8,5	11	25
Ultrasonic frequency kHz	37	37	37	37	37	37	37
Power consumption total (W)	550	550	550	300	1000	1500	2000
Ultrasonic power effective (W)	150	150	150	300	200	300	400
Ultrasonic peak performance max (W) * Standard sinus wave modulation	320*	600*	600*	1200*	800*	1200*	1600
Heating power (W)	200	400	400	-	800	1200	1600
Sweep	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Degas/Autodegas	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Carrying handles	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Drain duct/Diameter	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	1/2"
CE compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Protection class	IP20	IP20	IP20	IP20	IP20	IP20	IP20
Accessories							
Wire mesh basket	included	6003000075	6003000079	6003000083	6003000087	6003000091	6003000210
Size, W/D/H mm	198/106/50	255/115/75	255/200/75	455/250/55	280/250/115	455/250/115	455/270/194
Lid for two beakers, 2 rubber rings	6003000221	6003000098					
Beaker 600 ml		6003000097					

Getinge Ultrasonic 30 with beaker

Getinge Ultrasonic 60

Getinge Ultrasonic 100

Getinge Ultrasonic 180

Getinge Ultrasonic 150

Getinge Ultrasonic 300

P1014,Rev 1309/pk