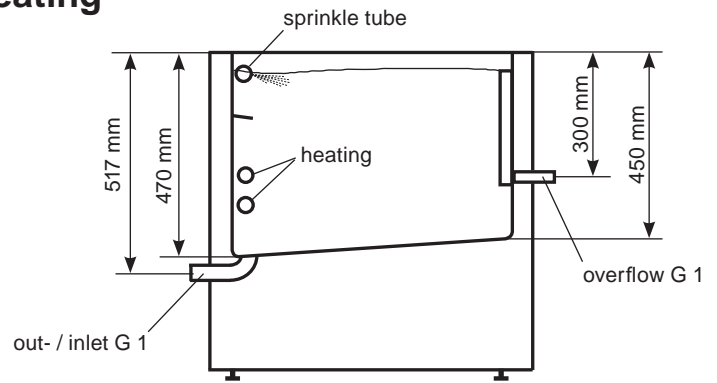
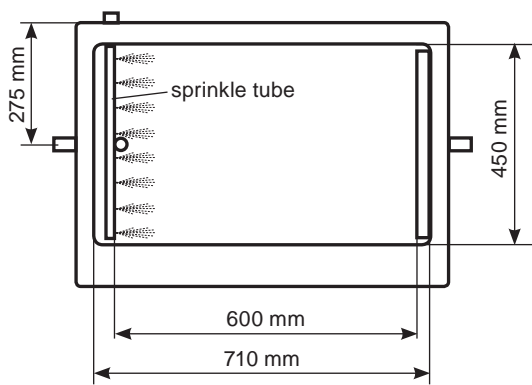
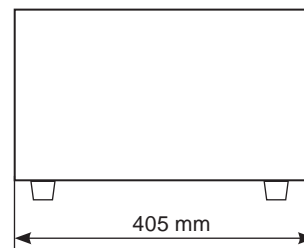
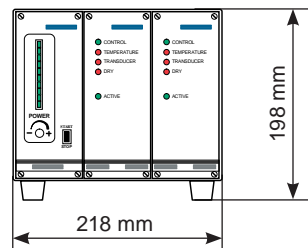


**Tank TM 112 UH with ultrasound and heating**



**Ultrasonic generator LG 1001 T / LG 2002 T**



**Ultrasonic tank with separate generator**

	TM 112 U	TM 112 UL	TM 112 UH	TM 112 UHL
Exterior tank dimensions	780 x 610 x 800 mm (l x w x h)			
Inner tank dimensions	600 x 450 x 450 / 470 mm (l x w x d), radius 20			
Capacity	145 litres			
Filling volume	130 litres up to overflow gutter			
Operating volume	115 litres up to filling mark			
Oscillating tank	Stainless steel AISI 316 Ti (1.4571), 2 mm, welded, inclined tank bottom			
Out- / inlet	3-way ball valve G 1, incl. hose and hose sockets 1"			
Overflow	at right tank side, outlet G 1			
Sprinkle tube	at left tank side, for surface skimming			
Casing	stainless steel AISI 304 (1.4301)			
Ultrasonic	40 kHz, on request 25 kHz			
oscillating systems at tank bottom	20 PZT-transducer	20 PZT-transducer	20 PZT-transducer	20 PZT-transducer
oscillating systems at tank side	-	20 PZT-transducer	-	20 PZT-transducer
Generator	LG 1001 T	LG 2002 T	LG 1001 T	LG 2002 T
HF cable 5 m with plug	1 pieces	2 pieces	1 pieces	2 pieces
Heating, thermostatically adjustable	-		30 - 80 °C	
Power consumption	-		4,8 kW	
Max. current consumption per phase	0,1 A		10,5 A	
Mains supply	230 V~ 50/60 Hz, cable length 3 m, fixed		400 V 3N~ 50/60 Hz, CEKON-plug 16 A, cable length 3 m, fixed	
Degree of protection	IP 32			
Weight	67 kg	72 kg	72 kg	77 kg

## Technical data of generators

	LG 1001 T	LG 2002 T
Number of power modules	1	2
Control range of power	10 - 100 %	
HF-output	1000 W <sub>eff</sub>	2 × 1000 W <sub>eff</sub>
Ultrasonic peak output*	4000 W	2 × 4000 W
Mains supply	230 V~ 50/60 Hz, cable length 2 m, fixed	
Supply tolerance	± 10 %	
Current consumption (max. per Phase)	8,6 A	
HF-frequency	40 kHz, on request 25 kHz	
Fuse	16 A	
Degree of protection	IP 20	
Dimensions (l × w × h)	218 × 405 × 198 mm	

\* To achieve an improved efficiency, the ultrasound is modulated whereby a four times higher value of the HF- output is obtained as ultrasonic peak output.

## Peripheral equipment

### TM 112 U /UL /UH /UHL

	Type
Ultrasonic rinsing tank with overflow	RM 112 U
Rinsing tank with overflow and heating	RM 112 H
Rinsing tank with overflow	RM 112
Stainless steel lid	MD 110
Stainless steel basket, load up to 20 kg, interior dimensions 530 × 410 × 90 mm (l×w×h)	MK 110
Stainless steel basket for lifting device, load up to 20 kg, interior dimensions 530 × 410 × 90 mm (l×w×h)	MK 110 B
Stainless steel basket, load up to 40 kg, interior dimensions 530 × 410 × 90 mm (l×w×h)	MK 110 S
Stainless steel basket for lifting device, load up to 40 kg, interior dimensions 530 × 410 × 90 mm (l×w×h)	MK 110 BS
Rack for two tanks, for MB 110 B	WG 110-2
Rack for three tanks, for MB 110 B	WG 110-3
Rack for four tanks, for MB 110 B	WG 110-4
Lifting device with oscillation, movable, for use on racks WG	MB 110 B
Lifting device with oscillation, for one tank	MB 110
Drop plate between two tanks	TB 110
Filtration with pre- and main filter incl. connection kit	FA 110
Oil separator with filter incl. connection kit	OX 110
DI-water-preparation device incl. connection kit	WA 110
Trough dryer, interior dimensions 600 × 500 × 350 mm (l×w×d)	TO 110
Cascade tube between two tanks	KV 110

### LG 1001 T / LG 2002 T

Remote control with timer (1 to 15 min/continuous operation) cable length 7 m	FS 15 L
Cable for remote control, cable length 7 m, one plug	FS 7

#### Information:

LG 1001 T can be equipped with an additional power module to operate a second ultrasonic tank. It is possible to operate up to 8 ultrasonic tanks TM 112 U /UL /UH /UHL with more efficient LG-generators. Example: 3 tanks TM 112 U /UH to a generator LG 3003 F or LG 3003 F PRO.

All SONOREX units are RFI-proof and marked C E.

Subject to technical alterations.

**BANDELIN**

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**60 years of experience in ultrasound**

Certification  
EN ISO 9001:2008 • EN ISO 13485:2003 + AC:2007

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