



	RM 182 UH	RM 182 U	RM 182 H	RM 182
Inner tank dimensions	1000 x 500 x 400 / 420 mm (l x w x d), radius 20			
Capacity	225 litres			
Filling volume	200 litres up to overflow gutter			
Operating volume	170 litres up to filling mark			
Oscillating tank	stainless steel 1.4571 (AISI 316 Ti), 2 mm, welded, inclined tank bottom			
Ultrasonic oscillating system	40 PZT-transducers below tank bottom		-	
Ultrasonic peak output*	2 x 4000 W		-	
HF-output	2 x 1000 W <sub>eff</sub>		-	
HF-frequency	40 kHz, on request 25 kHz		-	
Timer	1 - 15 min and continuous operation		-	
Heating	7,2 kW	-	7,2 kW	-
Heating, thermostatically adjustable	30 - 80 °C	-	30 - 80 °C	-
Mains supply	400 V 3N~ 50/60 Hz, CEKON-plug 16 A, cable length 3 m, fixed			-
Max. current consumption per phase	14,8 A	4,4 A	10,5 A	-
Power consumption	9,2 kW	2,0 kW	7,2 kW	-
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 1.4301 (AISI 304)			
Exterior tank dimensions	1180 x 660 x 800 mm (l x w x h)			
Degree of protection	IP 32			-
Weight	138,0 kg	130,0 kg	118,0 kg	110,0 kg

UH: ultrasound and heating; U: ultrasound; H: heating

\* 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

	Type
• Stainless steel lid	: MD 180
• Stainless steel basket, load up to 20 kg, interior dimensions 930 x 460 x 90 mm (l x w x h)	: MK 180
• Stainless steel basket for 15 respirators, load up to 20 kg, interior dimensions 930 x 460 x 215 mm (l x w x h)	: MK 180 A
• Stainless steel basket for lifting device, load up to 20 kg, interior dimensions 930 x 460 x 90 mm (l x w x h)	: MK 180 B
• Stainless steel basket, load up to 40 kg, interior dimensions 930 x 460 x 90 mm (l x w x h)	: MK 180 S
• Stainless steel basket for lifting device, load up to 40 kg, interior dimensions 930 x 460 x 90 mm (l x w x h)	: MK 180 BS
• Rack for two tanks, for MB 180 B	: WG 180-2
• Rack for three tanks, for MB 180 B	: WG 180-3
• Rack for four tanks, for MB 180 B	: WG 180-4
• Lifting device with oscillation, movable, for use on racks WG	: MB 180 B
• Lifting device with oscillation, for one tank	: MB 180
• Drop plate between two tanks	: TB 180
• Filtration with pre- and main filter incl. connection kit	: FA 180
• Oil separator with filter incl. connection kit	: OX 180
• DI-water-preparation device incl. connection kit	: WA 180
• Trough dryer, interior dimensions 1000 x 500 x 400 mm (l x w x d)	: TO 180
• Cascade tube between two tanks	: KV 180