

SONOREX DIGITEC

The new generation High-power ultrasonic baths



DESIGN AT ITS BEST

- ❑ full convenience in use and display for all bath types
- ❑ easy to operate – self-explanatory symbols
- ❑ well recognizable parameters, target as well as actual values – brightly lighting LED-display
- ❑ 4-step-operation as „plug and clean“
- ❑ heater 20–80 °C, thermostatically adjustable, with LED-display for target value and actual value of temperature
- ❑ optical signal in case of excess temperature
- ❑ timer for countdown and continuous operation
- ❑ DEGAS: adjustable pulse sound level for removing unwanted air bubbles, visible at LCD-display
- ❑ automatic short-time ultrasound during heating up period to avoid delay in boiling – switch-off possible
- ❑ CE marked as medical device
- ❑ quality management system according to the requirements of EN ISO 13485/11.2000 in the production line
- ❑ protection class IP 33 at highest possible level through liquid-tight mains cable and housing front without openings.
- ❑ SweepTec for permanent sound field oscillation ensures even and gentle cleaning
- ❑ utility patent DE 202 21 041
- ❑ automatical safety shut-down 12 hours after last keypress
- ❑ marking of filling level for safe dosage
- ❑ one-piece welded drain bow
- ❑ PZT-transducers with high efficiency

SONOREX DIGITEC

Internal tank dimensions (l x w x d) mm	Capacity litres	Type	Code No.	External dimensions (l x w x h) mm	Drain ball cock	Ultrasonic peak output * W	HF-output W _{eff}	Heating power W	Current consumption A	Weight kg net
190 x 85 x 60	0,9	DT 31	3200	205 x 100 x 170	-	240	30	-	0,2	1,8
		DT 31 H	3220		-	240	30	70	0,5	1,9
150 x 140 x 100	1,8	DT 52	3205	175 x 165 x 230	-	240	60	-	0,3	2,6
		DT 52 H	3225		-	240	60	140	0,9	2,9
240 x 140 x 100	3,0	DT 100	3210	260 x 160 x 250	-	320	80	-	0,4	3,4
		DT 100 H	3230		-	320	80	140	1,0	3,6
		DT 100 SH	3236		hose	320	80	140	1,0	4,0
		DT 102 H	3235		¼"	480	120	140	1,2	4,3
240 x 140 x 150	4,0	DT 103 H	3201	260 x 160 x 310	¼"	640	160	200	1,5	4,6
500 x 140 x 100	6,0	DT 156	3275	530 x 165 x 245	¼"	640	160	-	0,7	6,1
300 x 150 x 150	5,5	DT 255	3215	325 x 175 x 295	¼"	640	160	-	0,7	5,2
		DT 255 H	3240		¼"	640	160	280	2,0	5,3
300 x 240 x 150	9,7	DT 510	3245	325 x 265 x 305	½"	640	160	-	0,7	7,0
		DT 510 H	3206		½"	640	160	400	2,5	7,6
300 x 240 x 200	13,0	DT 512 H	3226	325 x 265 x 350	½"	860	215	400	2,7	8,0
325 x 300 x 150	13,5	DT 514	3250	355 x 325 x 305	½"	860	215	-	1,0	8,2
		DT 514 H	3211		½"	860	215	600	3,6	8,8
325 x 300 x 200	18,7	DT 514 BH	3216	355 x 325 x 385	½"	860	215	600	3,6	9,8

*To achieve an improved efficiency, the ultrasound is modulated whereby in combination with SweepTec and according to the tank model four times or eight times higher values of HF- output are obtained as ultrasonic peak output.

SONOREX DIGITEC DT....-RC units with infrared interface

Type	Code No.
DT 102 H-RC	3071
DT 255 H-RC	3081
DT 510 H-RC	3091
DT 514 BH-RC	3095



DT 102 H-RC with IR 1

WINSONIC® DT remote control
consisting of:
software and infrared adapter IR 1

Code No. 3090
set price € 207,-

Interface for automation of laboratories

- RS 232 data interface to the laboratory PC allows processing of individual control tasks and integration into an automated laboratory line.
- Data log is disclosed and described in a detailed information for use.
- Infrared adapter IR 1 is used for connection.

Infrared adapter IR 1

Code No. 3623 price € 107,-

WINSONIC® DT remote control

- The PC program is designed for operating systems WIN 2000 and WIN XP in connection with the infrared adapter IR 1 allowing a comfortable operation and monitoring of DIGITEC units.
- The status window gives an updated overview on the working conditions.
- Start time and stop time as well as the respective bath temperature are automatically collected in log files. This way, a documentation of the cleaning process for quality assurance is possible.



starting screen