

SONOREX

Model variants - in comparison



	smart ST ...	SUPER RK ...	DIGITEC DT ...
Capacity [l]	3.0–90.0	0.9–90.0	0.9–90.0
Time setting [min]	continuous time setting 1 s – 8 h	1–15, ±5 % continuous operation (∞)	1, 2, 3, 4, 5, 10, 15, 30, ±5 % continuous operation (∞)
Automatic safety switch-off	Safety shut-down after 8 h	-	after 12 h
Heating	✓	optional, H-version	optional, H-version
Adjustable temperature range [°C]	20–80 in 1 °C steps	30–80 in 5 °C steps RK 31 H: 65 fixed	20–80 in 5 °C steps
Overtemperature warning	✓	-	✓
Protection against boiling delay	✓	-	✓
Tank thickness [mm]/material C version	1.0 / AISI 304 2.0 / AISI 316L	1.0 (RK 31 H: 0.8) / AISI 304 2.0 / AISI 316L	1.0 (DT 31 H: 0.8) / AISI 304 2.0 / AISI 316L
Fill level marking for safe dosing	✓	✓	✓
Hard chromium-plated	ST 102 H	RK 102 H	DT 102 H
One-piece drain, welded	✓	✓, from RK 102 H	✓, from DT 102 H
Degree of protection	IP 32	IP 32	IP 33
Ultrasonic frequency [kHz]	40	35	35
SweepTec	✓	✓	✓
Pulse mode	✓	-	-
Interval	✓, interval times 1 s – 60 s	-	-
Power setting	10–100 %, in 1 % steps	-	-
Rapid degassing DEGAS	✓	-	✓
ECO-Mode	✓	-	-
Operating voltage: 230 V~ (±10 %) 50/60 Hz 115 V~ (±10 %) 50/60 Hz	✓ optional	✓ optional	✓ optional
Data memory	12	-	1
Class I medical device	✓	✓	✓

SONOREX smart

Ultrasonic baths with modern touch screen



Type	Code no.	Internal dimensions Oscillating tank l × w × d [mm]	Capacity [l]	External dimensions l × b × h [mm]	Ultrasonic peak power* [W]	Ultrasonic nominal power [W]	Heating power [W]	Outlet ball valve
ST 102 H	7100	240 × 140 × 100	3.0	260 × 160 × 250	480	120	140	G ½, right side
ST 103 H	7101	240 × 140 × 150	4.0	325 × 160 × 300	560	140	200	G ½, right side
ST 156 BH	7102	500 × 140 × 150	9.0	530 × 165 × 300	860	215	600	G ½, right side
ST 170 H	7103	1000 × 200 × 200	39.0	1050 × 250 × 400	1520	380	1600	G ½, left side
ST 255 H	7104	300 × 150 × 150	5.5	325 × 175 × 300	640	160	280	G ½, right side
ST 510 H	7105	300 × 240 × 150	9.7	325 × 265 × 300	640	160	400	G ½, left side
ST 514 H	7106	325 × 300 × 150	13.5	355 × 325 × 300	860	215	600	G ½, left side
ST 514 BH	7107	325 × 300 × 200	18.7	355 × 325 × 350	860	215	600	G ½, left side
ST 1028 H	7108	500 × 300 × 200	28.0	355 × 325 × 350	1200	300	1300	G ½, left side
ST 1028 CH	7109	500 × 300 × 300	45.0	540 × 340 × 500	1200	300	1450	G ½, left side
ST 1050 CH	7110	600 × 500 × 300	90.0	640 × 540 × 500	2400	600	1950	G ½, left side

*corresponds to 4 times ultrasonic nominal power

DST 01
USB/LAN docking station, SONOREX smart ST only.
With USB connection for transmission of logs and Ethernet connection for remote control of the device.
Cable length: approx. 2 m
Code no. 7120

