

Bath Shaker

Thermostated Digital Bath with Horizontal Shaking



Digital thermostated bath with horizontal shaking, controlled by microprocessor.

- Thermostated bath with horizontal shaking.
- Mobile inner tank made of stainless steel AISI 304, and metallic housing with Epoxi paint of great resistance to aggressive surroundings.
- Temperature controlled by microprocessor, by means of an integrated Pt100 sensor, with "ARA V2" algorithm of temperature regulation with "fuzzy logic" control.
- Digital Display LCD backlighted showing the selected and actual temperature and speed.
- Membrane push-button control.
- Double safety thermostat:
 - cut out indicator lamp. The unit will cut out if there is insufficient liquid or if the temperature exceeds the maximum temperature.
 - safety automatic disconnection with acoustic alarm that prevents overheating from the programmed temperature (+5°C). Connects again when the T^a is below the limit.
- Indication on the display of high temperature on the tank, that provides protection against burn. From 45°C.
- Memory of the last settings.
- Automatic restart after unexpected shut down keeping the same parameters as before the incident. An incident sign appears on the display.
- Mains switch ON/OFF protected against splashes.
- Water drainage faucet and handles for an easy transport.

Technical specifications:

Model	BS127E	BS145E
Reference	10000-01114	10000-01132
Thermostatization		
Max. Vol. (L)	27	45
Power (W)	1600	3200
T ^a range (°C)	ambT ^a +5 - 100	
Resolution (°C)	0,1	
Shaking		
Power (W)	50	
Type of movement	horizontal	
Amplitude (mm)	40	
Speed range. (rpm)	10-100	
Resolution (rpm)	5	
General Data		
Tank material	Stainless steel AISI 304	
Inner Dimensions (cm)	35x26x17	49x45x17
External Dim.. (cm)	65x40x40	73x60x40
Weight (kg)	20,0	27,0
Protection IP	IP52	
Packaging cm	Tribox 77x45x47	Tribox 87x70x40

Accessories	Reference
Cover of stainless steel	
For bath of 27L	20000-00110
For bath of 45L	20000-00149
Universal support with 5 rollers	
* order with the instrument, mounted in factory	
For bath of 27L	20000-00142
For bath of 45L	20000-00155
Support platform for erlenmeyer flasks	
For bath of 27L	20000-00132
For bath of 45L	20000-00156
Erlenmeyers flash spring clip 50 ml. (max 30u.)	20000-00246
Erlenmeyers flash spring clip 100 ml. (max 20ud.)	20000-00247
Erlenmeyers flash spring clip 250 ml. (max 12ud.)	20000-00248
Erlenmeyers flash spring clip 500 ml. (max 9ud.)	20000-00249
Erlenmeyers flash spring clip 1000 ml. (max 6u/)	20000-00299
Fastening springs (2) for vessels, flasks, etc	20000-00043

