Bath OvanTherm H

Bath with Digital Immersion Thermostat

Bath with digital immersion thermostat, controlled by microprocessor.

- Thermostatized precision baths.

- Inner tank made of stainless steel AISI 304 and metallic housing protected 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.

- Membrane push-button control.

- Pump for homogenization (6L/min). (max. pressure 200mbar).

- 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 (+2,5ºC). Connects again when the Tª is below the limit.

- Indication on the display of high temperature on the tank, that provides protection against burns. From 45ºC.

- Automatic restart after unexpected shut down keeping the same parameters as before the incident. An incident sign appears on the display.

- Memory of the last settings.

- Mains power ON/OFF protected against splashes.

- Water drainage faucet and handles for a easy transport.

Thermostatized Baths

Technical specifications:

Model	BH112E	BH120E	BH127E	BH145E	BH212E	BH220E	BH227E	BH245E
Reference	10000-01140	10000-01141	10000-01142	10000-01143	10000-01144	10000-01145	10000-01113	10000-01146
Thermostatization								
Max. Vol. (L)	12	20	27	45	12	20	27	45
Tª range (ºC)	ambTª+5 - 100				amb Tª +5 - 200			
Resolution (ºC)	0,1				0,1			
Precision (%)	+/-0,5							
Power (W)	1600				2000			
General Data								
Tank material	Stainless steel AISI 304				Stainless steel AISI 304			
Useful Dim. (cm)	15x30x15	32x30x15	32x30x20	44x50x15	15x30x15	32x30x15	32x30x20	44x50x15
Ext. Dim. (cm)	36x33x45	53x33x45	53x33x50	65x53x45	36x33x45	53x33x45	53x33x50	65x53x45
Weight (kg)	10,0	12,3	18,0	21,8	10,0	12,3	18,0	21,8
Protection IP	IP52				IP52			
Packaging cm	47x37x32 + 51x45x42	47x37x32 + 66x45x43	47x37x32 + 66x45x43	47x37x32 + 78x66x43	47x37x32 + 51x45x42	47x37x32 + 66x45x43	47x37x32 + 66x45x43	47x37x32 + 78x66x43

Accessories	Reference
Constant liquid level *	20000-00111
For water baths * order together with the bath (it has to be mounted in the factory)	
Cover of stainless steel	
For baths of 12L with immersion thermostat	20000-00158
For baths of 20L and 27L with immersion thermostat	20000-00109
For baths of 45L with immersion thermostat	20000-00160
Support for tube racks.	
For baths of 12L	20000-00161
For baths of 20L and 27L	20000-00162
For baths of 45L	20000-00163
Tube racks *	
36 tubes ∅13mm	20000-00164
24 tubes ∅ 16mm	20000-00165
24 tubes ∅ 20mm	20000-00166

* Bath capacity: 12L – 1 racks
  20L – 3 racks
  27L – 3 racks
  45L – 5 racks

Suministros Grupo Esper, S.L.
Subject to technical changes.   For more information, visit: **www.ovan.es**

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