

# Bath OvanTherm C

Bath with Digital Refrigerated Immersion Thermostat



**Bath with digital refrigerated immersion thermostat, controlled by microprocessor.**

- Refrigerated 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.
- CFC free compressor of 1/5 HP, noiseless and without vibration.
- Pump for homogenization (6L/min) (max. pressure 200mbar).
- Safety thermostat cut out indicator lamp. The unit will cut out if there is insufficient liquid or if the temperature exceeds the maximum temperature.
- Indication on the display of high temperature on the tank, that provides protection against burn. From 45°C.
- 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 switch ON/OFF protected against splashes.
- Water drainage faucet and handles for a easy transport.

Technical specifications:

Model	BC012E	BC020E	BC027E	BC045E
Reference	10000-01147	10000-01148	10000-01149	10000-01150
<b>Thermostatization</b>				
Max. Vol. (L)	12	20	27	45
Heating power (W)	1600			
Refrigerating power (W)	300		600	
T <sup>a</sup> range (°C)	0 - 100			
Resolution (°C)	0,1			
<b>General Data</b>				
Tank material	Stainless steel AISI 304			
Useful Dimension (cm)	15x30x15	32x30x15	32x30x20	44x50x15
Ext. Dimensions (cm)	36x79x46	53x79x46	53x79x51	65x99x46
Weight (kg)	21,0	23,3	29,0	32,8
Protection IP	IP52			
Packaging cm	Tribox 64x34x55 + 51x45x42	Tribox 64x34x55 + 66x45x43	Tribox 64x34x55 + 66x45x43	Tribox 64x34x55 + 78x66x43

Accessories	Reference
<b>Constant liquid level *</b> For water baths * order together with the bath (it has to be mounted in the factory)	20000-00111
<b>Support for tube racks.</b>	
For baths of 12L	20000-00161
For baths of 20L and 27L	20000-00162
For baths of 45L	20000-00163
<b>Tube racks *</b>	
36 tubes Ø13mm	20000-00164
24 tubes Ø 16mm	20000-00165
24 tubes Ø 20mm	20000-00166
* Bath capacity:	12L – 1 racks 20L – 3 racks 27L – 3 racks 45L – 5 racks

