

OvanTherm H

Digital Immersion Thermostat



Digital immersion thermostat, controlled by microprocessor.

- 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).
- Thermostatization at maximum temperature of maximum 20L.
- 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 (+2,5°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.
- 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.
- Attachable to the tank through a clamp and finger screw. Minimum high of the tank: 14cm.
- Mains switch ON/OFF protected against splashes.
- Water drainage faucet and handles for a easy transport.

Technical specifications:

Model	TH100E	TH200E
Reference	10000-01137	10000-01100
Thermostatization		
Max. Vol. (L)	20	
T ^a range (°C)	ambT ^a +5 - 100	ambT ^a +5 - 200
T ^o range (°C) with external refrigeration	-10 - 100	-10 - 200
Resolution (°C)	0,1	
Precision (%)	+/-0,5	
Stability (°C)	+/- 0,1	
Heating power (w)	1600	2000
Timer	24h	
General Data		
Dimensions (mm)	160x190x290	
Weight (kg)	3,8	
Protection IP	IP52	
Packaging cm	47x37x32	

Accessories	Reference
Cooling coil For cooling the liquid; external.	20000-00118
<i>See the precision baths Bath OvanTherm H</i>	
BH112E Bath 12L with immersion thermostat TH100E	10000-01140
BH120E Bath 20L with immersion thermostat TH100E	10000-01141
BH127E Bath 27L with immersion thermostat TH100E	10000-01142
BH145E Bath 45L with immersion thermostat TH100E (with higher heating power)	10000-01143
BH212E Bath 12L with immersion thermostat TH200E	10000-01144
BH220E Bath 20L with immersion thermostat TH200E	10000-01145
BH227E Bath 27L with immersion thermostat TH200E	10000-01113
BH245E Bath 45L with immersion thermostat TH200E (with higher heating power)	10000-01146

