

# MicroHeat

## Digital Hot Plate



**Digital** hot plate controlled by microprocessor.

- Temperature controlled by microprocessor, by means of an integrated PT100 sensor.
- “ARA V2” fuzzy logic algorithm for temperature control of high precision to be used with external sensor, without surpassing reference temperature (even at 30° C).
- Digital display LCD backlighted indicating the selected and actual temperature, and timer (with audible alarm).
- Indicator on the display of high temperature on the plate, that provides protection against burns.
- Membrane push-button control.
- Automatic restart after unexpected shut down keeping the same parameters as before the incident. An incident sign appears on the display.
- Removable plate, to replace itself in case of deterioration.
- Packaging: 36x26x18cm

## Technical Specifications:

Model	MCH300E
Reference	10000-00096
<b>Heating</b>	
Heating power (W)	500
Temperature Range (°C)	20-300
Resolution (°C)	0,5
Accuracy (°C)	+/- 1
Connection to extern T <sup>a</sup> sensor	Pt100
Timer (min)	0-120
<b>General Data</b>	
Plate Material	Polished Aluminium
Plate Diameter (mm)	154
Dimensions (mm)	210x260x130
Weight (kg)	4
Protection IP	IP52

Accessories	Reference
<b>External Pt100 Sensor</b> Allows temperature control inside the preparation	20000-00034
<b>Support Rod</b> Includes 2 fastening wing nuts to fix it. 450 mm	20000-00036
<b>Fastening clamp for Pt100</b>	20000-00073
<b>Kjeldhal adapter 250cc</b>	20000-00032
<b>Kjeldhal adapter 500cc</b>	20000-00033

