

HD2307.0



HD2307.0 Pt100 AND Pt1000 SENSORS THERMOMETER

HD2307.0 is a portable instrument equipped with large LCD display.

It measures temperature by means of immersion, penetration, contact or air probes. Its sensor can be 3 or 4 wires Pt100, Pt1000.

Probes are equipped with an automatic recognition module: factory calibration data are stored inside. The Max, Min and Avg function calculate the maximum, minimum or average values.

Other functions: relative measurement REL, HOLD function and automatic switching-off system, (excludable).

The instrument has IP67 protection degree.



INSTRUMENT TECHNICAL CHARACTERISTICS	
Measurement of temperature	
Pt100 measurement range	-200...+650 °C
Pt1000 measurement range	-200...+650 °C
Resolution	0.1 °C
Accuracy	±0.05 °C
Drift after 1 year	0.1 °C/year
Unit of measurement	°C - °F
Power Supply	
Batteries	3 batteries 1.5 V type AA
Autonomy	200 hours with 1800mAh alkaline batteries
Current consumption with instrument off	< 20µA
Connections	DIN45326 8 poles male connector
Operating conditions	
Operating Temperature	-5...50 °C
Storage temperature	-25...65 °C
Working relative humidity	0...90 %RH, no condensation
Protection degree	IP67
General characteristics	
Dimensions (Length x Width x Height)	140 x 88 x 38mm
Weight	160 g (complete with batteries)
Materials	ABS
Display	2 rows 4½ digits plus symbols Visible area: 52 x 42mm

ORDERING CODES

HD2307.0: The kit consists of instrument HD2307.0, 3 per 1.5V alkaline batteries, instruction manual and case.

Probes have to be ordered separately.

