

PH305 HANDHELD PH METER

PH305 is a light instrument with a large LCD display, for pH and redox potential (ORP) mV measures. Temperature self compensation by RTD100 or RTD1000 immersion, penetration or contact probes on option. Calibration compensation configured on one, two or three points at 4.01pH, 6.86Ph and 9.18pH. Temperature probes are equipped with a smart cable module for detection of factory calibration data. Calculation function added: Max, Min and Avg (Average) values; Relative measurement REL, Auto-HOLD display, and automatic turning off enabled or not. IP67 protection.



BUNDLE KIT

The instrument is provided in soft case: instrument PH305, 3x1.5V alkaline batteries, operating manual.

Option on order: electrodes, calibration solutions and temperature probes.

TECHNICAL SPECIFICATIONS

Dimensions LxDxH:	140x88x38 mm
Weight:	160g (complete with batteries)
Materials:	ABS
Display:	2x4½ digits plus symbols, area sight : 52x42mm
Temperature/%R.H:	'Operative -5 ... 50°C, 0 ... 90% RH, no condensation
Protection:	IP67
Supply:	3X 1.5V type AA batteries, Autonomy 200 hours with 1800 microA alkaline batteries
Power consumption:	with instrument off 20µA
Connections:	plug module for the temperature probes 8-pole male DIN45326 connector pH/mV input connector Female BNC
Measurement range:	pH -2.00...+19.99pH
Resolution:	0.01
Accuracy:	+/-0.01pH +/-1digit
Input impedance:	>10 ¹² Ohm
Calibration error @25°C:	Offset >20mV Slope <50mV/pH or Slope >63mV/pH Sensibility <85% or Sensibility >106.5%
Measurement range mV:	-1999.9...+1999.9mV
Resolution:	0.1mV
Accuracy:	±0.1mV ±1digit
Drift after 1 year:	0.5mV/year
Measurement range °C:	RTD100 -200...+650°C, RTD1000 -200...+650°C
Resolution:	0.1°C
Accuracy:	±0.1°C ±1digit
Drift after 1 year:	0.1°C/year



SATEMA

13856 VIGLIANO B.SE - Via Milano, 395

Tel. +39 015811102 - Fax 0158853029

Mail: info@satema.it <http://www.satema.it>