



ICON INSTRUMENTS COMPANY

MICROPROCESSOR BASED DIGITAL Ph METER

Function	pH& temp. OR mV & temp. simultaneously
Display	16 character x 2 lines Alphanumeric BL LCD
Power supply	230 V \pm 10% 50 Hz AC
pH	
Range	0 to 14 pH
Resolution	0.01 pH
Accuracy	\pm 0.01 pH \pm 1 digit
Slope adjustment	80% to 120% By default 100%
Temp.compensation	0 to 100 $^{\circ}$ C Auto with temp probe / Manual with keys
Auto buffer recognition	4.00 pH, 7.00 pH, 9.20 pH
Calibration	Auto& Manual, 3 point& 2 point (Programmable)
mV	
Range	-1999 mV to +1999 mV
Resolution	1 mV
Accuracy	\pm 0.1% \pm 1 digit
Calibration	Two point manual
Temperature	
Range	-20.0 $^{\circ}$ C to 200 $^{\circ}$ C
Resolution	0.1 $^{\circ}$ C
Accuracy	\pm 0.1% of range \pm 1 digit
Calibration	two point manual
Sensors	Pt100 probe
Data entry	By six soft touch keys with audible sound
Storage	1000 samples
Real time display	24 Hour mode with Date
Interface	RS-232, Centronics & computer
Print format	All Data & Date Wise (Programmable)
Digital output	Serial RS-232 Parallel Centronics (Programmable)
Error Indication	pH ERROR, ORP ERROR, CAL ERROR & T-ERROR
Accessories	pH electrode Instruction Manual Buffer Solutions Dust cover Electrode Stand Temp Probe



Appearance & Specification subjected to change due to continuous development Print Format:-

DATE	TIME	TEMP(DegC)	PARAMETER	MODE	SP.No
12/12/08	11:18	T= 020.0	pH= 07.00	MANUL	001
12/12/08	11:18	T= 020.0	mV= 0000	MANUL	002
12/12/08	11:18	T= 020.0	T= 020.0 $^{\circ}$ C	MANUL	003

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