

Product Name :
Microprocessor PH-EC Meter

Product Code :
ELAB-ELC0009



Description :

Microprocessor PH-EC Meter

Technical Specification :

Microprocessor pH-EC Meter

Features:-

16 x 2 Alphanumeric LCD with Backlit
pH, EC & Temperature Measurements

Auto Temperature Compensation

Auto Buffer Recognition in pH Mode

Auto Ranging Facility in EC Mode

Programmable Ref. Temp & Temp.

Coeff in EC Mode

90 Samples Storage Facility

Printer Attachment Facility

Microprocessor Based pH-EC Meter is a solid state instrument designed for precise pH, EC and Temperature measurements.

The instrument uses the latest microprocessor technology and advanced engineering techniques so as to give enhanced accuracy and reproducibility.

The system has user friendly prompts, which guide you throughout the measurement process.

The instrument has 8 soft touch membrane type keys for ease of operation.

It has the storage facility for 90 samples, which are retained in the memory even when the system is switched Off.

Provision has also been made for attachment of any dot matrix printer with centronics interface so that any of the stored result can be printed.

The instrument is extremely useful for chemical & pharmaceutical industry, agriculture and soil laboratories, swimming pools, water

quality control in boiler feed water, water works department, fertilizer plants, petroleum refineries, breweries, water purification plants etc.

Specifications:-

Parameter	pH	Conductivity	Temperature
Range Selection	-	Automatic	-
Range	0 - 14.00 pH	0 - 20, 0 - 200 uS, 0 - 2, 0 - 20, 0 - 200 mS	0 - 100 oC
Accuracy	± 0.01 pH, ±1 Digit	± 0.5% FS, ±1 Digit	0.1 oC
Resolution	0.01 pH	0.01 uS	0.1 oC
Auto Buffer Recognition	4.00, 7.00 & 9.20 pH	-	-
Cell constant	-	Adjustable (0.05 - 10.5)	-
Temperature compensation	Auto/Manual (0 - 100oC)	Auto/Manual (0 - 50 oC)	-
Temperature Coefficient	-	Adjustable (0.1 - 4.0%)	-
Display	16 x 2 Line Alphanumeric LCD with Backlit		
Keyboard	8 Keys, Soft Touch Membrane Type		
Printer Interface	Centronics Interface for any Dot Matrix Printer		
Storage	Upto 90 Samples		
Power	230 V ± 10% AC, 50 Hz		
Dimensions (L x B x H)	Instrument: 285 x 190 x 90 mm (Approx.) Packing Box: 335 x 305 x 265 mm (Approx.)		
Weight	Instrument: 2.5 Kg (Approx.) Box: 3.5 Kg (Approx.)		
Accessories	pH Combination Electrode, pH Buffer Tablets (4.00 & 7.00 pH), Conductivity Cell, Temperature Probe, Electrode Stand, Mains Lead, Operation Manual and Dust Cover		

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