

Microprocessor Based
Potentiometer

1118

Microprocessor Potentiometer



1 Year
Warranty

- 16x2 Line LCD Display
- mV & Temperature Measurements
- 90 Samples Storage Facility
- Printer Attachment Facility
- Supplied with Magnetic Stirrer

Microprocessor Based Potentiometer model 1118 is a solid state instrument designed for precise mV and Temperature measurements for Potentiometry. 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 supplied with magnetic stirrer with speed control function and a set of 4 electrodes viz, Reference, Platinum, Silver & Glass. This is a useful instrument for ORP and Acid Base Titrations in chemistry labs, pharmaceutical industries, colleges and university labs etc.

ENVIRONMENTAL
AND SCIENTIFIC
INSTRUMENTS CO.

AN ISO 9001 : 2000 CERTIFIED CO.

Technical Data

PARAMETER	mV	TEMPERATURE
RANGE	0 to ± 1999.9 mV	0-100°C
ACCURACY	0.1 mV ± 1 Digit	± 0.1°C
RESOLUTION	0.1 mV	0.1°C
ACCURACY	± 0.1 mV ± 1 Digit	----
INPUT IMPEDANCE	> 10 ¹² ohms	----
READOUT	16x2 Line Alphanumeric LCD Display with Backlit	
STORAGE	up to 90 Samples	
KEY BOARD	8 Soft touch membrane type keys	
PRINTER INTERFACE	Provision for attachment of Dot-Matrix Printer with Centronics Interface	
STIRRER SPEED CONTROL	Variable speed output which can be controlled from the stirrer front panel.	
STIRRER POWER	Available at back panel of the instrument, socket marked 'STIRRER'	
POWER	230V ± 10% AC, 50 Hz	
WEIGHT	2.5 Kg (Approx.)	
DIMENSIONS (L x B x H)	Instrument : 285 x 190 x 90 mm (Approx.) Stirrer : 45 x 75 x 75 mm (Approx.) Packing Box : 335 x 305 x 265 mm (Approx.)	
ACCESSORIES	Platinum Electrode, Silver Electrode, Glass Electrode, Reference Electrode, Temperature Probe, Magnetic Stirrer, Magnetic Capsule, Electrode Stand, Mains Lead, Dust Cover, Instruction Manual	

Note: Specifications are subject to change due to continuous.

Product Range

Semi Auto Analyser, Double Beam UV/VIS Spectrophotometer, Single Beam UV/VIS Spectrophotometer, Flame Photometer, Haemoglobin Meter, Photo Colorimeter, pH Meter, Conductivity Meter, TDS Meter, DO Meter, Salinity Meter, Turbidity Meter, Nephelometer, Colony Counter, Karl Fischer Moisture Titrator, Fluorometer, Dissolution Test Apparatus, Disintegration Test Apparatus, Friability Apparatus, Melting Point Apparatus, Telethermometer, Temperature Indicator, Water & Soil Analysis Kit, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Student Microscope, Binocular Microscope, Medical Microscope, Co-Axial Microscope.