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# Digital Potentiometer

## DESCRIPTION:

Digital Potentiometer, Model RS-PSI 118 a precision instrument for potentiometric measurements. Results are displayed in milli volts on a direct digital readout by 3 and half-digit LED display. It is supplied with a set of 4 electrodes viz. Reference, Platinum, Silver & Class. This is useful for potentiometric, ORP, and Acid-Base Titrations in Chemistry Labs, Pharmaceutical Industries, Colleges, and University Labs etc.

## FEATURES:

1. Highly Stable & Accurate
2. 4 Electrodes for Different Titrations
3. 3½ Digit LED Display
4. Rugged & Economical



## PRODUCT RANGE:

Semi Auto Analyser, Single Beam and Double Beam UV/VIS Spectrophotometer, Flame Photometers, Haemoglobin Meter, Digital pH Meter, Digital Photo Fluorometer, Digital Conductivity Meter, Digital Photo Colorimeter, Turbidity Meter, Auto KF Titrimeter, Digital DO Meter, Digital TDS Meter, Temperature Indicator, Digital Telethermometer, Water & Soil Analysis Kit, Digital Salinity Meter, Digital Colony Counter, Portable pH Meter, Portable Conductivity Meter, Portable TDS Meter, Portable DO Meter, Digital Tablet Disintegration Apparatus, Digital Friability Test Apparatus, Tablet Dissolution Test Apparatus, Melting Point Apparatus, Student Microscope, Binocular microscope, Medical Microscope, Co-Axial Microscope.

# TECHNICAL SPECIFICATIONS:

Parameter	Specifications
Model	118
Range	0 to $\pm 199.9$ mV 0 to $\pm 1999$ mV
Resolution	0.1 mV & 1 mV
Repeatability	$\pm 1$ mV
Accuracy	$\pm 1$ mV $\pm 1$ Digit
Input Impedance	$> 10^{12}$ ohms
Operating Temperature	10° C to 45° C
Display	3½ Digit 0.5" seven segment LED display with auto polarity indication
Power	230V $\pm 10\%$ AC, 50 Hz
Dimensions	275X175X75 mm (IXbXh) approx.
Weight	2.5 Kgs (Approx)
Standard Accessories	Platinum Electrode- 1 no Reference Electrode- 1 no Electrode Stand & Clamp- 1 no Glass Electrode- 1 no Silver Electrode- 1 no Dust Cover- 1 no



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