

## Digital Potentiometer



Digital Potentiometer, Model RS-PSI 118 a precision instrument for potentiometric measurements. Results are displayed in mill 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:

- Highly Stable & Accurate
- 4 Electrodes for Different Titrations
- 3½ Digit LED Display
- Rugged & Economical

## Technical Data

|                       |  |   |     |
|-----------------------|--|---|-----|
| RANGE                 | 0 to $\pm 199.9$ mV<br>0 to $\pm 1999$ mV  | MODEL   | 118 |
| 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                 | 230 V $\pm 10\%$ AC, 50Hz  |   |     |
| DIMENSIONS            | 275 x 175 x 75 mm (L x B x H) (Approx)   |   |     |
| WEIGHT                | 2.5 Kgs. (Approx.)   |   |     |
| STANDARD ACCESSORIES  | Platinum Electrode - 1 No.<br>Reference Electrode - 1 No.<br>Electrode Stand & Clamp - 1 No. | Glass Electrode - 1 No.<br>Silver Electrode - 1 No.<br>Dust Cover - 1 No. |     |

## 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 Conductivity 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.

