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Product Name :

pH mV and Temperature Meter

Product Code :

SLE/ME/45



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Description :

pH mV and Temperature Meter (Product Code: SLE/ME/45) is a portable three-parameter meter used to measure the pH, millivolt potential and temperature of solutions in school, college and field laboratories. Its plastic-bodied pH electrode has the temperature sensor built in, so oneprobe gives pH to ±0.01 and temperature to ±0.4 °C, with temperature-compensated readings upto 70 °C. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, alaboratory instruments supplier in India, for pH meter laboratory work at home and in internationalmarkets.

Specifications

Parameter	Detail
pH range	0.00 to 14.00
pH accuracy	±0.01 pH
mV range	±1999 mV
mV resolution	±1 mV
Temperature range	0.0 to 100.0 °C
Temperature accuracy	±0.4 °C
Temperature compensation	Readings compensated up to 70 °C
Probe	Plastic-bodied pH electrode containing the temperature sensor
Calibration	Manual, using trimmers on the front, with instructions shown on the screen
Display	Large LCD
Battery	9V
Dimensions	145 × 80 × 36 mm
Weight	230 g
Supplied with	pH/°C probe, battery, instructions and case
Product code	SLE/ME/45
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the pH mV and Temperature Meter Used For?

Because it reads three quantities from one portable unit, this meter covers a wide range of practicals: plotting pH titration curves, testing soil extracts and pond water on field trips, comparing buffer solutions, and following temperature alongside pH as a reaction proceeds. The ±1999 mV range adds electrochemistry work such as measuring the potential of simple cells and redox

Befor rs while

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