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Product Name :

2 pH Meter

Product Code :

SLE/ME/48



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Description :

2 pH Meter (Product Code: SLE/ME/48) is a pocket-sized pH meter used to check the acidity or alkalinity of solutions in school laboratories, field studies and small testing rooms. Just 160 mm long, it reads pH 1 to 13 with 0.01 pH resolution and ±0.01 pH accuracy — the accuracy of a bench meter — and its replaceable electrode has a built-in amplifier. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, a laboratory instruments supplier in India, as one of the lab instruments it supplies at home and abroad.

Specifications

Parameter	Detail
Range	1 to 13 pH
Resolution	0.01 pH
Accuracy	±0.01 pH
Temperature compensation	Automatic, from 0 to 70 °C
Operating temperature	0 to 50 °C
Calibration	Dual-point
Electrode	Replaceable, with built-in amplifier
Power	Three 1.5V button cells (type 675H or A76)
Length	160 mm
Supplied with	Batteries, a small screwdriver for calibration and a carrying case
Product code	SLE/ME/48
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the 2 pH Meter Used For?

A pocket pH meter lets students move beyond indicator colours to real numbers. The 2 pH Meter can follow pH during an acid–alkali neutralisation, test rainwater, pond and tap water on a field trip, check soil-water extracts in agriculture and environmental projects, and compare household substances in an introductory acids-and-bases lesson.

Calibrate at two points with standard buffers, using the small screwdriver supplied, before each session. Automatic temperature compensation from 0 to 70 °C corrects readings for sample temperature, but the meter itself should be used within its 0 to 50 °C operating range. Rinse the electrode after every sample and replace it when readings become slow or unstable — the electrode is designed to be changed.

What to Specify When Ordering

- Number of meters needed per class or field group
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