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Product Name :

pH Meter Desktop Type

Product Code :

SCI-1340/016

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Description :

pH Meter Desktop Type (Product Code: SCI-1340/016) is a benchtop instrument used to measure the pH, mV and temperature of solutions in chemistry, biology, water-testing and quality-control laboratories. It reads pH from 0 to 14 with 0.01 resolution and offers automatic temperature compensation, automatic buffer recognition and calibration, and a BNC electrode connection, making it a practical benchtop pH meter for teaching and routine analysis. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Type	Desktop (benchtop)
Measures	pH, mV and temperature (°C)
pH range	0 to 14
pH resolution	0.01
pH relative accuracy	+0.01 (as listed)
mV resolution	1 mV
Temperature range	0.0 to 100.0 °C
Temperature compensation	Automatic
Calibration	Automatic buffer recognition and calibration
Electrode connection	BNC
Included	Electrode support stand
Other features	Waterproof; GLP
Product code	SCI-1340/016
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Desktop pH Meter Used For?

A desktop pH meter gives a numerical reading where indicator paper only gives a colour. Students and technicians use it to check the pH of acids, bases and buffer solutions, follow the change in pH during an acid-base titration to plot a titration curve, test drinking water and effluent samples, and monitor pH in enzyme and fermentation experiments. The mV mode supports electrochemistry work with a suitable electrode, and the temperature reading helps record the conditions of each measurement.

Calibrate at the start of each session with standard buffers; the automatic buffer recognition identifies them and completes the calibration. Rinse the electrode with distilled water between samples and blot it gently rather than wiping it. The support stand holds the electrode steady above the solution. Storage

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