



KLABS Touch Screen pH Meter



Product Description

KLABS KTPM-2000 Touch Screen pH Meter is a high-performance laboratory instrument designed for accurate pH, ORP and temperature measurements. The instrument features a 5-inch high-resolution touch screen, automatic buffer recognition, multi-point calibration, USB connectivity, and password-protected data management for reliable laboratory analysis.

Features

- 5 Inch touch screen with high resolution and sensitivity
- Password protected data login facility
- Measure pH, ORP and Temperature
- Auto buffer recognition facility
- Auto sensor check facility
- 5 point calibration facility
- Next calibration alarm with date
- Meet GLP norms
- PC attachment through USB
- 1000 data storing facility with file name

Applications & uses

- Water Quality Testing
- Environmental Monitoring
- Chemical Laboratories
- Educational & Research Institutes
- Pharmaceutical Laboratories
- Food & Beverage Testing
- pH Measurement
- ORP Measurement
- Temperature Measurement
- Sample Analysis and Quality Control



TOUCH
SCREEN



ACCURATE
& STABLE



SOFTWARE
CONTROL SYS.



EASY
OPERATION



USB
CONNECTIVITY

KTPM-2000

Accessories

- Touch Pen
- Rotational pH electrode stand
- pH Electrode
- Temperature Probe
- Buffer Capsule
- Software
- Power Adapter
- Instruction Manual

Technical Specifications

Parameter	Specification
Product Name	Touch Screen pH Meter
Model Number	KTPM-2000
Measuring Parameter	pH, ORP (mV), Temperature
pH Range	pH: -2.00 to 20.00, -2.00 to 20.00, -2.000 to 20.000; ± 2000 mV
pH Resolution	0.1, 0.01, 0.001 pH; 0.1 mV
pH Accuracy	(@25°C/77°F): ± 0.1 pH, ± 0.01 pH, ± 0.002 pH ± 1 LSD; ± 0.2 mV ± 1 LSD
pH Calibration	Automatic, up to five point calibration (1.68, 4.01, 7.01, 9.18, 12.45)
Display	5 inch high sensitive touch screen display
pH Temperature Compensation	Automatic or manual from -10.0 to 110.0°C
Temperature Range	-10.0 to 110.0°C, -4.0 to 248.0°F
Temperature Resolution	0.1°C, 0.1°F
Temperature Accuracy	± 0.2 °C, ± 0.4 °F, ± 0.2 K
pH Electrode	Highly sensitive glass body pH electrode with BNC connector and 1 m (3.3') cable (included)
Temperature Probe	Stainless steel temperature probe with 1 m (3.3') cable (included)
Power Supply	12 VDC adapter
Dimensions	160 × 231 × 94 mm
Weight	1.5 kg (Approx.)