TOPLAB INDIA
"Serving Science with Solution"

LABORATORY pH/mV/Temp METER
(5-Point Calibration pH Meter)

MODEL: TOP-500pH

DESCRIPTION

TOPLAB INDIA'S Microprocessor based pH meters are designed for full functionality and features. The bench top pH meter incorporates a flexible electrode holder, an intelligent magnetic stirrer, and buffer organizers altogether, streamlining the process of measurement and calibration. The meters features including comprehensive GLP data logging, real-time clock display, Manual or Auto timing Data Storage, USB data output and PC software support. The Advanced functions such as auto calibration, auto temperature compensation, auto electrode recognition, parameter setting, self-diagnosis, Smart calibration reminder function available, calibration time check, auto power-off etc.

Advanced Features:

➢ 5.7 inches High resolution LCD display with backlight.

➢ Multi-reading feature allows auto-read, timed-read and continuous-read.

➢ Automatic/Manual temperature compensation ensures accurate results.

➢ Auto-hold feature senses and locks the measurement endpoint.

➢ Data Storage 500 sets (GLP-compliant).

➢ Support for USB or RS-232 communication.

➢ Reset feature automatically resumes all settings back to factory default options.

➢ IP54 waterproof Protection.

➢ 1-5 points calibration with Standard Recognition.

➢ Selectable pH buffer groups, including NIST, DIN, GB, USA.

➢ Automatic electrode diagnosis with pH slope and offset display.

(5-Point Calibration pH Meter)

Technical Specification:

Model:	TOP-500pH		
Description:	**pH**	**mV**	**Temperature**
Range:	-2.000 to 20.000 pH	±2000.0mV	-5°C to 110°C
Resolution:	0.1, 0.01 pH	0.1mV	0.1°C
Accuracy :	±0.01 pH	±0.3 mV or ±0.1%	± 0.2°C± 1digit
Display	5.7 inches High resolution LCD display with Backlight		
Calibration:	Up to 5 - Point Calibration		
Standard Customization:	Yes, User-Defined		
Standard Recognition:	NIST, GB, USA and DIN buffers		
Reading Mode:	Auto Read (Fast, Medium, Slow), Timed, Continuous		
Reading Prompts:	Reading, Stable, Locked		
Stable Reading Indicator:	Yes, with ☺ icon		
Auto Shutdown:	1~60 min, Off		
Date & Time:	Yes		
Data Storage Capacity:	500 results each		
GLP Features:	Numberings, Date, Time, Measurements, Unit, Temperature		
Output:	**USB:** PC Connectivity, **RS232:** Printer Connectivity		
GLP Data Output:	USB data output and PC software support		
Timed Reading:	Yes		
Auto Reading:	Yes		
pH Electrode Input:	BNC Connector		
Temp. Probe Input:	4-pin aviation connector		
Electrode Holder:	Yes – Flexible Electrode Holder		
PC-Link Software:	Yes (Optional)		
IP Rating:	IP54 (Water-Proof & Dust-Proof)		
Temp. Compensation:	Yes, (ATC- Auto or MTC-Manual)Selectable		
Operating Temperature:	0 to 40°C		
Operating Voltage:	DC 9V (AC Adaptor) Input Voltage: AC230V,50/60Hz		
Meter Size:	242×195×68 mm		
Weight:	1.0 kg		

Standard Scope of Supply:

1. **TOP-500pH – Main Instruments (pH Meter)**
2. **Combined pH Electrode**
3. **Temperature Sensor**
4. **pH Standard Solution(4.01, 7.00, 10.01) 50ml each**
5. **Flexible Electrode Stand**
6. **Operation Manual**
7. **Warranty Card**

GMP-compliant qualification
✔DQ
✔IQ
✔OQ
✔PQ
for all devices