

Benchtop pH Meter

PH-B500T



Features



IP54 waterproof.



1-6 points calibration with Standard Recognition.



Color High contrast LCD touchscreen



Support for USB or RS-232 communication.



Description

PH measurement has a wide range of applications. It is now widely used in colleges, environmental protection, medicine, food, health, geological exploration, metallurgy, marine exploration and other fields. PH measurement is required for common acid rain detection, surface water, industrial wastewater, drinking water, beverages, daily chemical products, textiles, etc.

- 7-inch color high contrast LCD touchscreen.
- Intelligent operation system provides features including user management, calibration management, method management, data management and etc.
- Automatic electrode diagnosis with pH slope and offset display.
- Multi-reading feature allows auto-read, timed-read and continuous-read.
- Automatic/Manual temperature compensation ensures accurate results.
- Selectable pH buffer groups, including DIN, NIST, USA, MERK, JIS, GB.
- Reset feature automatically resumes all settings back to factory default options.
- Data Storage 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Support for USB or RS-232 communication.
- IP54 waterproof.
- 1-6 points calibration with standard recognition.
- Support for pH standard group customization.



PH-B500T pH Meter 1 Set
 962201 pH composite electrode (Premium) 1 Piece
 T-818-Q Temperature probe 1 Piece
 Standard pH Buffer Solution (50mL) (pH4.01, 7.00, 10.01) 1 Bottle each
 REX-6 electrode stand 1 Piece
 GC65-240270-F Power adapter DC24V 1 Piece
 Dust cover (Touch screen version) 1 Piece
 European standard power cord(3VTJ2) 1 Piece
 Universal USB cable 1 Piece
 Touch pen (Capacitive screen) 1 Piece
 Operation quick guide 1 Piece
 Instruction manual 1 Piece

Specifications

Parameters	Model	PH-B500T
pH	Range	-2.000 to 20.000 pH
	Resolution	0.1, 0.01, 0.001pH
	Accuracy	±0.002 pH
	Calibration Points	Up to 6
	Standard Customization	Yes
	Calibration Reminder	Yes
	Standard Recognition	NIST, GB, DIN, USA, MERK, JIS buffers
mV/ORP	Slope Limit	Yes
	Range	-3000.00 to 2000.00 mV
	Resolution	0.1, 0.01 mV
	Accuracy	±0.1 mV or ±0.03%
	EH ORP Mode	Yes
Temperature	ORP Calibration Points	1 custom point (relative mV)
	Range	-10 to 135 °C, 14 to 275 °F
	Unit	°C, °F
	Resolution	0.1
Measurement	Accuracy	±0.1
	Reading Mode	Auto Read (Fast, Medium, Slow), Timed, Continuous
	Reading Prompts	Reading, Stable, Locked
Data management	Temp. Compensation	ATC, MTC
	Data Storage	1000 Groups
	GLP Features	Yes
Inputs	Log Management	Yes
	pH Electrode	BNC(Q9)
Outputs	Temp. Probe	4-pin aviation connector
	USB	USB 2.0 flash memory device, PC
Display options	RS 232	printer, scanner, auto-sampler
	Backlight	Yes
	Auto Shutdown	1-60 min, off
	IP Rating	IP54
General	Date and Time	Yes
	Electricity	AC Adapter, 100-240V AC input, DC24V output
	Dimensions	220×195×68 mm
	Weight	950g