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ZPH-100 BBA

BENCHTOP pH METER



Benchtop pH Meter

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.

- IP54 waterproof
- 1-6 points calibration with standard recognition
- 7-inch color high contrast LCD touchscreen
- Data Storage 1000 sets for each parameter (GLP-compliant)
- Support for USB or RS-232 communication
- 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 electrode diagnosis with pH slope and offset display
- 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

Specifications

ZPH-100 BBA

pH Measuring Range	-2.000 to 20.000 pH
pH Measuring Resolution	0.1, 0.01, 0.001pH
pH Measuring Accuracy	±0.002 pH
pH Calibration Points	Up to 6
pH Standard Customization	Yes

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