

zygon

www.zygon.ca

| info@zygon.ca



ZPH-200 AAB

PORTABLE pH METER



Portable 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.

- Color High contrast LCD touchscreen, 4.3 inches.
- Intelligent operation system provides features including user management, calibration management, electrode management, method management, data management, Log Management and etc.
- 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 1000 sets for each parameter (GLP-compliant).
- Data analysis feature helps user review, compare and recalculate results.
- Auto-power off feature effectively extends the battery service life.
- Reset feature automatically resumes all settings back to factory default options.
- 1-8 points calibration with standard recognition.
- Selectable pH buffer groups, including USA, NIST, DIN, GB, MERK, JIS.
- User-defined pH buffer or buffer group is supported.
- Automatic electrode diagnosis with pH slope and offset display

Specifications

ZPH-200 AAB

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 8
pH Standard Customization	Yes

Calibration Reminder	Yes
pH Standard Recognition	USA, NIST, MERK, JIS, GB and DIN 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
pH Electrode	BNC(Q9)
Temp. Probe	4-pin aviation connector
USB	USB 2.0 flash memory device, PC, scanner
Backlight	Yes
Auto Shutdown	300, 600, 1200, 1800, 3600 sec., off
IP Rating	IP65
Date and Time	Yes
Electricity	Rechargeable Lithium battery, AC Adapter, 100-240V AC input, DC5V output
Dimensions	90 × 255 × 40 mm
Weight	500g