

LAQUA

Benchtop Water Quality Instruments

LAQUA 1000 Series

STARTING
FROM
\$750

Intuitive and easy to use

- Soft-touch operation panel
- Scratch-proof and chemical-resistant glass panel
- Large display – 5.5 inches
- Small footprint – 170(W) x 174(D) x 73(H) mm
- Protection cover included



History of the HORIBA pH Meter

1950



1964



1977



1980



1987



1990



360° Maneuverability

- Light-weight electrode stand can be integrated with meter or placed separately
- Base of electrode stand can be used as a convenient platform for placing beakers
- Height-adjust stopper controls vertical slide of electrode stand arm

*Taller electrode stand (650 mm) with telescopic shaft is also available



Your Next Choice



Your Next Choice

pH Meters

PH 1100

STARTING FROM
\$750

PH 1200

STARTING FROM
\$870

PH 1300

STARTING FROM
\$990



Model	PH 1100	PH 1200	PH 1300
	pH/ORP/Temp (°C)	pH/ORP/Temp (°C)	pH/ORP/Ion/Temp (°C)
Part Number	3200647407	3200647408	3200647409
pH range	-2.00 to 20.00 pH	-2.000 to 20.000 pH	-2.000 to 20.000 pH
Resolution	0.1 / 0.01 pH	0.1 / 0.01 / 0.001 pH	0.1 / 0.01 / 0.001 pH
Accuracy	±0.01 pH	±0.003pH	±0.003pH
Cal points	5	5	5
Buffer options	USA, NIST	USA, NIST, Custom	USA, NIST, Custom
ORP range	±2000mV	±2000mV	±2000mV
Resolution	0.1 mV	0.1 mV	0.1 mV
Accuracy	±0.2mV	±0.2mV	±0.2mV
Ion range	--	--	0.00 µg/l to 9999 g/l
Resolution	--	--	3 significant digits
Accuracy	--	--	±0.8% full scale
Cal points	--	--	Up to 5
Temperature range	-30.0°C to 130°C	-30.0°C to 130°C	-30.0°C to 130°C
Resolution	0.1 °C	0.1 °C	0.1 °C
Accuracy	±0.4°C	±0.4°C	±0.4°C
Cal option	Yes (±5.0°C range in 0.1°C increments)	Yes (±5.0°C range in 0.1°C increments)	Yes (±5.0°C range in 0.1°C increments)
Memory	500	999	999
Auto Data-logging	--	Yes	Yes
Real time clock	--	Yes	Yes
Date/time stamping	--	Yes	Yes
Auto Shut-off	--	Yes (programmable: 1 to 30 mins)	Yes (programmable: 1 to 30 mins)
Auto-Hold	Yes	Yes	Yes
Averaging/Stability	Yes, Automatic	Yes, Automatic	Yes, Automatic
Offset display	Yes	Yes	Yes
Slope display	Yes (independent acid and alkaline slopes depending on calibration)	Yes (independent acid and alkaline slopes depending on calibration)	Yes (independent acid and alkaline slopes depending on calibration)
Cal Alarm	--	Yes (programmable: 1 to 400 days)	Yes (programmable: 1 to 400 days)
Electrode status	On screen display	On screen display	On screen display
Diagnostic messages	Yes	Yes	Yes
Display	Custom LCD	Custom LCD	Custom LCD
Inputs	BNC, phono, DC sockets	BNC, phono, DC sockets	BNC, phono, DC sockets
Outputs	RS232C	USB, RS232C	USB, RS232C
Power requirements	AC adaptor 100 ~ 240 V, 50/60 Hz	AC adaptor 100 ~ 240 V, 50/60 Hz	AC adaptor 100 ~ 240 V, 50/60 Hz
Electrode stand	Integrated	Integrated	Integrated
Weight	500g	500g	500g
Dimensions	170 (L) x 174 (D) x 73 (H) mm	170 (L) x 174 (D) x 73 (H) mm	170 (L) x 174 (D) x 73 (H) mm

Ordering information:

	PH1100-S (3999960176)	PH1200-S (3999960177)	PH1300-S (3999960178)
Kit*	• PH1100 meter • electrode stand • power adaptor • pH 4.01, 7.01, 10.01, 3.33M KCl solutions • 9615S-10D - refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack	• PH1200 meter • electrode stand • power adaptor • pH 4.01, 7.01, 10.01, 3.33M KCl solutions • 9615S-10D - refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack	• PH1300 meter • electrode stand • power adaptor • pH 4.01, 7.01, 10.01, 3.33M KCl solutions • 9615S-10D - refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack

*Kit with 501-S is available upon request. Add 'N' suffix to the order code when ordering.



ESBE Scientific

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