

pH Meters



Model	PH 1100 pH/ORP/Temp (°C)	PH 1200 pH/ORP/Temp (°C)	PH 1300 pH/ORP/Ion/Temp (°C)
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	±0.003 pH	±0.003 pH
Cal points	5	5	5
Buffer options	USA, NIST	USA, NIST, Custom	USA, NIST, Custom
ORP range	±2000 mV	±2000 mV	±2000 mV
Resolution	0.1 mV	0.1 mV	0.1 mV
Accuracy	±0.2 mV	±0.2 mV	±0.2 mV
Ion range	--	--	0.000 µg/L to 9999 g/L
Resolution	--	--	4 significant digits
Accuracy	--	--	±0.3% 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:

Kit*	PH1100-S (3999960176)	PH1200-S (3999960177)	PH1300-S (3999960178)
Kit*	<ul style="list-style-type: none"> PH1100 meter electrode stand power adaptor pH 4.01, 7.01, 10.01, 3.33M KCl solutions (250ml ea) 9615S-10D - refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack Data Acquisition Software 	<ul style="list-style-type: none"> PH1200 meter electrode stand power adaptor pH 4.01, 7.01, 10.01, 3.33M KCl solutions (250ml ea) 9615S-10D - refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack Data Acquisition Software 	<ul style="list-style-type: none"> PH1300 meter electrode stand power adaptor pH 4.01, 7.01, 10.01, 3.33M KCl solutions (250ml ea) 9615S-10D - refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack Data Acquisition Software
Meter with electrode stand	PH1100 (3200647407) <ul style="list-style-type: none"> PH1100 meter electrode stand power adaptor protection cover 	PH1200 (3200647408) <ul style="list-style-type: none"> PH1200 meter electrode stand power adaptor protection cover 	PH1300 (3200647409) <ul style="list-style-type: none"> PH1300 meter electrode stand power adaptor protection cover
pH Electrode	9615S-10D (3200585428) <ul style="list-style-type: none"> refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack 	9615S-10D (3200585428) <ul style="list-style-type: none"> refillable, glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack 	9615S-10D (3200585428) <ul style="list-style-type: none"> refillable glass-body pH electrode with integrated temperature sensor, 1m cable, BNC & phono jack
USA pH buffer set	502-S (3999960016) pH 4.01, 7.01, 10.01, 3.33M KCl solutions (250ml ea)	502-S (3999960016) pH 4.01, 7.01, 10.01, 3.33M KCl solutions (250ml ea)	502-S (3999960016) pH 4.01, 7.01, 10.01, 3.33M KCl solutions (250ml ea)
NIST pH buffer set	501-S (3999960015) pH 4.01, 6.86, 9.18, 3.33M KCl solutions (250ml ea)	501-S (3999960015) pH 4.01, 6.86, 9.18, 3.33M KCl solutions (250ml ea)	501-S (3999960015) pH 4.01, 6.86, 9.18, 3.33M KCl solutions (250ml ea)

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