



pH Meter PG line

Ease to use, results quickly
and accuracy



pH Meter – PG line

Ease to use, results quickly and accuracy

The PG line can measure pH/ ORP/ mV and temperature easily in the field or lab. The equipment are digital, precise, fast, compact and modern design.

- Automatic Temperature Compensation (ATC) on range from -20 to 120°C to model PG2000 and from 0 to 100°C to models PG1800 and PG1400.
- Automatic pH Calibration, 6 memorized calibration points selectable in 2 options; 3 for ASTM Calibration or 3 for NIST DIN Calibration.
- Exclusive sensitivity check function; zero, slope and response time to pH sensor (electrode).
- The portable models (PG1300 and PG1400) are supplied in sturdy plastic case and Standard Solutions pH 4, 7 and 10. Protection Class IP66 and IP67. Powered by 9 VDC alkaline batteries (standard).
- The benchtop models (PG 1800 and PG2000) have the fixed temperature function; it allows the user to adjust the value according of the work type, eliminating the temperature sensor use. Power supply from 90 to 240 VAC.
- The PG2000 model has the exclusivity functions set-point and data interface by Serial RS232C (USB - optional), it enables connectivity with measurement data acquisition systems or interconnection with thermal printer (optional), printing reports in accordance with the requirements of Good Laboratory Practice (GLP).
- The ABS casing resistant ensures reliable operation even in intense ambient conditions.

Specification

	Model	PG2000 (benchtop)	PG1800 (benchtop)	PG1400 (portable)	PG1300 (portable)
pH	Range	-2.00 to 20.00 pH	-2.00 to 20.00 pH	-2.00 to 20.00 pH	-2.00 to 20.00 pH
	Resolution	0.001;0.01 or 0.1 (selectable)	0.001;0.01 or 0.1 (selectable)	0.01 pH	0.01 pH
	Accuracy	± 0,02% pH	± 0,02% pH	± 0,02% pH	± 0,02% pH
	Calibration points	3	3	3	3
ORP	Range	-2,000.0 to 2,000.0 mV	-2,000.0 to 2,000.0 mV	-2,000.0 to 2,000.0 mV	-2,000.0 to 2,000.0 mV
	Resolution	0.1 mV	0.1 mV	0.1 mV	0.1 mV
	Accuracy	±0.3 mV	±0.3 mV	±0.3 mV	±0.3 mV
Millivolts	Range	-2,000.0 to 2,000.0 mV	-2,000.0 to 2,000.0 mV	-2,000.0 to 2,000.0 mV	-2,000.0 to 2,000.0 mV
	Resolution	0.1 mV	0.1 mV	0.1 mV	0.1 mV
	Accuracy	0.05% (FS)	0.05% (FS)	0.05% (FS)	0.05% (FS)
Temperatura	Range	-20 to 120°C	0 to 100°C	0 to 100°C	0 to 50°C internal
	Resolution	0.1°C	0.1°C	0.1°C	0.1°C
	Rel. Accuracy	0.08% (FS)	0.08% (FS)	0.10% (FS)	0.10% (FS)
	ATC	Yes	Yes	Yes	Yes, internal

Data Storage	Yes	-	-	-
Interface RS232C	Yes	-	-	-
Ambient Conditions	0 to 40 °C 5 to 85 % RH	0 to 40 °C 5 to 85 % RH	0 to 40 °C 5 to 85 % RH	0 to 40 °C 5 to 85 % RH
Backlight	Yes	Yes	-	-

Tell.: +55 11 2165 1100
vendas@gehaka.com.br
www.gehaka.com.br

