

1. Specification for pH meter:

Features:

- automatic calibration to 1 or 2 points
- automatic shut off,
- battery error prevention system,
- on-screen instructions, and
- automatic temperature compensation
- backlit LCD
- PEI plastic body double junction pH electrode, and temperature probe Automatic Calibration

Specifications

pH Range	00 to 14pH
pH Resolution	0.01 pH
pH Accuracy	±0.01 pH
pH Calibration	one or two point-with five standard buffer values (pH 4.01, 6.86, 7.01, 9.18, 10.01)
Temperature Range	-20.0 to 120.0°C (-4.0 to 248.0°F)
Temperature Resolution	0.1°C; 1°F
Temperature Accuracy	±0.4°C; ±0.8°F
Temperature Compensation	automatic
Temperature Probe	stainless steel temperature probe with 1 m (3.3') cable
Slope Calibration	from 80 to 108% / ±1 pH
pH Electrode	PEI body pH electrode with BNC connector and 1 m (3.3') cable
Input Impedance	10 ¹² Ohms
Auto-off	after 20 minutes of non-use
Environment	0 to 50°C (32 to 122°F); RH max 100%
Dimensions	185 x 72 x 36 mm (7.3 x 2.8 x 1.4")

Preferred BRAND: Hanna instruments

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2. Specifications for Analytical Weighing Balance

Capacity	220gm
Readability:	0.0001 g (= 0.1 mg),
Tare range:	220gm,
Response Time:	2s,
Pan Dia:	80mm,
Weighing Chamber:	174 X 181 X 240mm (W X D X H),
Balance Housing : (W X D XH)	213 X 342 X 340 mm
	Built -in Motorised calibration weight dynamic temperature compensation,
Preferred Brand	Mettler / Sartorius

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