

PC 2700 Meter

Measures pH, mV, conductivity, TDS, and temperature—ideal for water quality testing in the lab!

Takes up less bench space – Overall footprint is nearly 40% smaller than other benchtop meters

Oversized liquid crystal display with bright backlighting – Easier viewing under all lighting conditions

Dynamic reading stability indication – shows when your measurement is stable; eliminates guesswork from unstable readings

Auto-standardization with cell constant recognition – Detect the exact cell constant value of your probe with the press of a button

Up to 500 point nonvolatile memory with time-and-date stamp – Meets GLP requirements

Bidirectional RS-232 for easy data transfer to your computer

Additional performance features include pH autobuffer recognition, conductivity standard auto-calibration, calibration documentation and cal-due alarms, audible out-of-range alarms, password protection, electrode status and diagnostics, and more!

Includes a high-performance 4-cell conductivity probe! – Higher accuracy across a broader range of samples



Unstable reading is faded



Reading turns solid when stable



Specifications

Mode	pH	mV	ISE	Conductivity	TDS	Salinity	Resistivity	Temperature
Range	–2.000 to 20.000 pH	±2000.0 mV	0.001 to 19,999 ppm	0.050 µS/cm to 500.0 mS/cm (5-range autoranging)	0.050 to 500.0 ppt	0.0 to 80.0 ppt	2.000 Ω to 20.0 MΩ	0.0 to 100.0°C (32.0 to 212°F)
Resolution	0.001, 0.01, 0.1 pH	0.1 mV	2 or 3 digits	0.01, 0.1 µS/cm, 0.001, 0.01, 0.1 mS/cm	0.01, 0.1 ppm, 0.001, 0.01, 0.1 ppt	0.1 ppt	0.01/0.1 Ω, 0.01/0.1 kΩ, 0.01 MΩ	0.1°C or °F
Accuracy	±0.002 pH	±0.2 mV	0.5% full scale (monovalent), 1% full scale (divalent)	± 1% full scale	± 1% full scale	± 1% full scale	± 1% full scale	±0.3°C (±0.5°F)
Calibration	Up to 6 (USA, NIST, DIN, or custom buffer sets)	Offset up to +150 mV	Up to 8 points	5 points (one point per range)	5 points (one point per range)	5 points (one point per range)	5 points (one point per range)	Offset in 0.1 increments; ±5°C (±9°F)
Connectors	BNC	BNC	BNC	8-pin DIN	8-pin DIN	8-pin DIN	8-pin DIN	8-pin DIN

Temperature compensation: manual or automatic from –5°C to 105°C

Conductivity temp coefficient: adjustable from 0.0 to 10% per °F/°C

Conductivity cell constant: 0.010 to 10.000

Conductivity-to-TDS factor: adjustable from 0.4 to 1.0

Normalization temperature: adjustable from 15 to 30°C

Memory: up to 500 data sets

Output: RS-232, 9-pin female

Display: 3¼" x 2⅞" (8.3 x 6.2 cm) graphic LCD with backlight

Operating temperature: 32 to 122°F, noncondensing probe

Power: universal 110/240 VAC with adapter; CSA/UL listed

Dimensions

Meter: 6⅞" x 6⅞" x 2¼" (15.5 x 17.5 x 6.9 cm)

Boxed: 12" x 9" x 5" (30.8 x 15.5 x 12.4 cm)

Weight: Meter only: 1.4 lb (650 g); Boxed: 4 lb (1800 g)

Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35414-20	WD-35414-21	PC 2700 meter only	Meter, electrode holder and AC adapter
WD-35414-00	WD-35414-01	PC 2700 meter	Meter, pH electrode with double-junction, refillable, glass body; conductivity/temperature probe 35412-10, electrode holder, and AC adapter

Accessories

WD-35805-04 Replacement pH electrode: double-junction, glass body, refillable

WD-35412-10 Replacement conductivity/temperature probe for 2700-series meter; 4-cell, K= 1.0 epoxy/graphite

WD-35420-01 RS-232 data cable

WD-35630-53 USB data cable