

# PC 2700 Meter

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

**New**

**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

ISO9001:2000  
CERTIFIED SUPPLIER

CE

3 year  
warranty  
meter only

Mode	pH	mV	ISE	Conductivity	TDS	Salinity	Resistivity	Temperature
<b>Range</b>	-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)
<b>Resolution</b>	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
<b>Accuracy</b>	±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)
<b>Calibration</b>	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)
<b>Connectors</b>	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:** 6½" x 6⅞" x 2¾" (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 lbs (650 g); Boxed: 4 lbs (1800 g)

## Ordering Information

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

**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 cable**

**WD-22050-58 RS-232 to USB adapter** (requires 35420-01)