

# ION 2700 Meter

**Measures pH, mV, and ion concentration—well-suited for environmental, water, and food analysis**

**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

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

**Bidirectional RS-232** – For easy data transfer to your computer

**Calibration documentation** – Allows you to display, download, or print out calibration details like date and time, buffer values, offset, and slope

**Cal-due alarms** – Visual and audible reminders when recalibration is needed

**Audible out-of-range alarms** – Indicate when a reading is above or below a user-settable range

**Electrode status** – Provides the diagnostics needed to determine when electrode service or replacement is needed

**Password protection** – Prevents unauthorized setup and calibration

**New**



Unstable reading is faded



Reading turns solid when stable.



Calibration documentation



Research and Development



Water Testing

## Specifications

Mode	pH	mV	ISE	Temperature
Range	-2.000 to 20.000 pH	±2000.0 mV	0.001 to 19,999 ppm	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	0.1°C or °F
Accuracy	±0.002 pH	±0.2 mV	±0.5% full scale (monovalent), ±1% full scale (divalent)	±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	—
Connectors	BNC	BNC	BNC	2.5 mm phono

**Temperature compensation:** manual or automatic from 0 to 100°C (32 to 212°F)

**Memory:** up to 500 data sets

**Output:** RS-232, 9-pin female

**Display:** 3¼" x 2¼" (8.3 x 6.2 cm) graphic LCD with backlight

**Operating temperature:** 0 to 50°C (32 to 122°F), noncondensing probe

**Power:** universal 110/240 VAC, 50/60 Hz with adapter; UL/CSA listed

**Dimensions**

**Meter:** 6⅞" 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 lb (0.6 kg); **Boxed:** 4 lb (1.8 kg)

ISO9001:2000  
CERTIFIED SUPPLIER

CE  
3 year warranty  
meter only

## Ordering Information

Catalog number	Description	Included
WD-35421-02	Ion 2700 meter	Meter, electrode holder, and AC adapter
WD-35421-00	Ion 2700 meter kit	Meter, pH electrode 35805-04, ATC temperature probe 35613-13, 60-mL of electrode fill solution, electrode holder, and AC adapter

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

**WD-35420-01 RS-232 cable**

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