

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 you 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

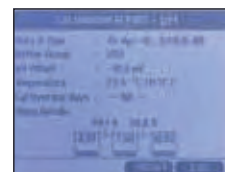
New



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 2⅞" (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)