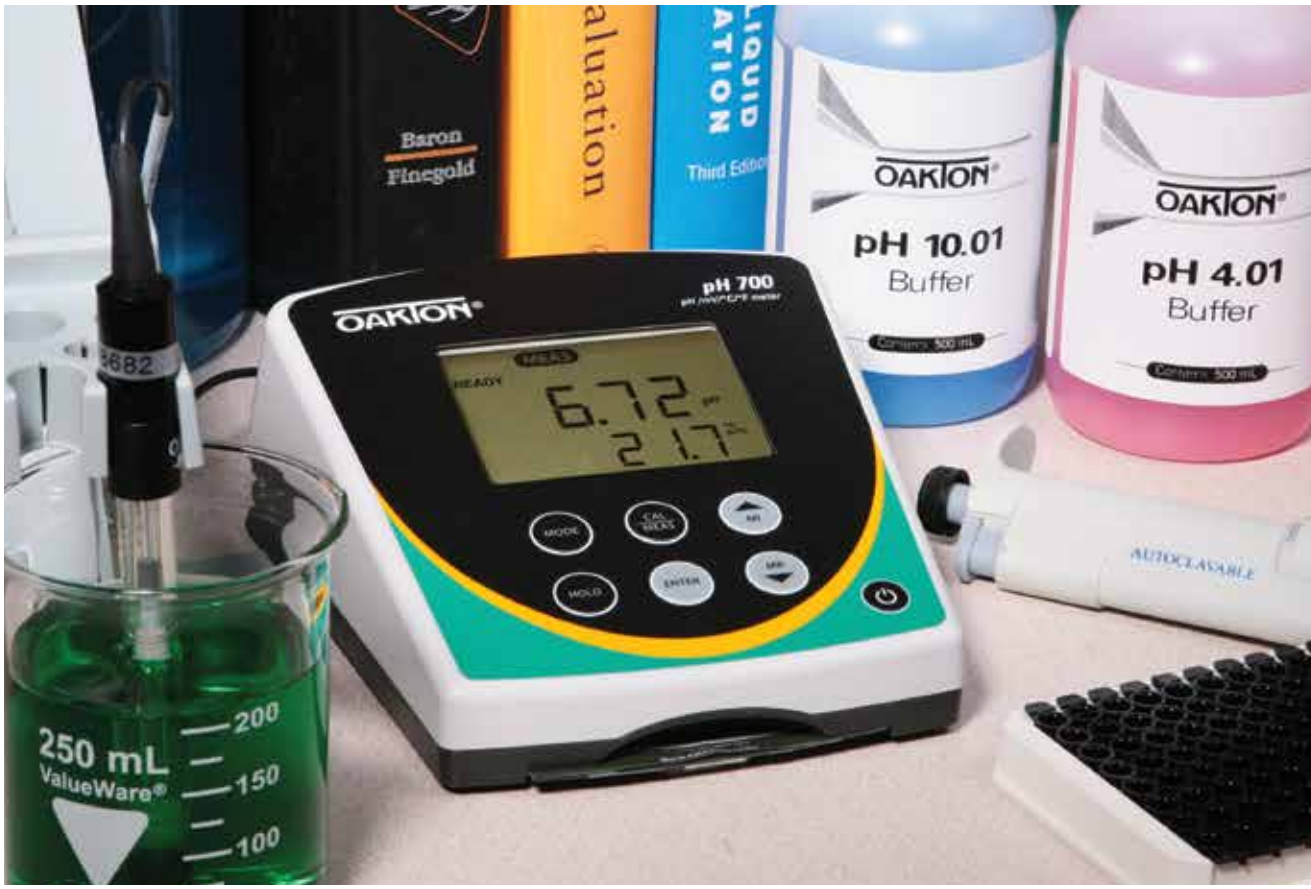
OAKTON®
INSTRUMENTS

...setting the standard again and again®

pH 700 and Ion 700 Benchtop Meters

Compact, space-saving design with a larger, easier-to-read display!

- Overall footprint is nearly 40% smaller than other benchtop meters
- Meters feature an oversized 3¼" x 2⁷⁄₁₆" liquid crystal display
- Great performance and value that you've come to trust from Oakton
- Also available in datalogging, dual-parameter, conductivity and dissolved oxygen versions.



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Low cost plus high performance
▼ Meters offer laboratory-quality readings at a very economical cost

Large dual display shows both pH, or mV, or ion and temperature
▼ Easy-to-see readings

Meter measures less than 6" by 7"
▼ Saves valuable bench space

Five-point pH calibration with auto buffer recognition
▼ Choose from USA or NIST buffer sets

Switch from pH to mV ion readings with a button press

Ion 700 allows direct readout of ion concentration in ppm

Available with built-in electrode stand
▼ Holds electrode firmly in place

Selectable manual or automatic temperature compensation
▼ For high accuracy with or without a temperature sensor

Built-in memory function
▼ Stores up to 100 pH, mV, relative mV or concentration readings with corresponding temperature

Hold function, "Ready" indicator, diagnostic error messages

Slide-out instruction card for quick reference

Specifications

ISO9001:2000 CERTIFIED SUPPLIER CE

Mode	pH	mV	Concentration (Ion 700 only)	Temperature
Range	0.00 to 14.00 pH	±2000 mV	0.01 to 2000 ppm	0 to 100.0°C (32.0 to 212°F)
Resolution	0.01 pH	0.1 mV from ±199.9 mV, 1 mV beyond ±200 mV	0.01 ppm from 0.01 to 0.99 ppm 0.1 ppm from 0.1 to 199.9 ppm 1 ppm from 200 to 2000 ppm	0.1°C/°F
Accuracy	±0.01 pH	±0.2 mV from ±199.9 mV, ±2 mV beyond ±200 mV	±5% FS (mono-valent) ±1% FS (di-valent)	±0.3°C/°F
Calibration	Up to 5 points (USA: 1.68, 4.01; 7.00; 10.01, 12.45 or NIST: 1.68, 4.01, 6.86; 9.18, 12.45); auto-buffer recognition	Offset up to ±150 mV	From 2 to 5 consecutive points 0.1, 1.0, 10.0, 100.0, or 1000.0 ppm	Offset 0.1°C increments up to ±5°C/±9°F

Input impedance: $>10^{12}\ \Omega$
Temperature compensation: selectable manual or automatic from 0 to 100°C
Memory: up to 100 sets, pH or mV, or ion, and temperature
Display: dual display of measurement with temperature and mode
Error messages: diagnose operator error, electrode error, and meter error.
Operating temperature: 0 to 50°C, noncondensing humidity
Power: universal 110/220 VAC 50/60 Hz using AC adapters (included); AC adapters are UL and CSA listed.
Dimensions (W x H x D): 5⅞" x 2 11/16" x 6⅝" (143 x 165 x 63 mm)

Model	Included	Catalog number
pH 700	Meter and universal power supply/adapters	WD-35419-00
pH 700	Meter, "All-in-One" temperature/single-junction pH electrode and universal power supply/adapters	WD-35419-03
pH 700	Meter, electrode stand, and universal power supply/adapters	WD-35419-12
pH 700	Meter, double-junction pH electrode, temperature probe, electrode stand, and universal power supply/adapters	WD-35419-10
Ion 700	Meter, built-in electrode stand, and universal power supply/adapters	WD-35419-22

Order from:

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