

pH 700 Meter

a space-saving footprint and easier-to-read display!

Low cost plus high performance - This meter offers laboratory-quality readings for a very economical cost

Compact design uses less benchspace -Meter is 40% smaller to fit into today's crowded

Oversized display – Dual display shows both pH (or mV) and temperature

Up to five-point pH calibration with auto buffer recognition - Calibrate at 1.68, 4.01, 7.00, 10.01, and 12.45 for high accuracy across the entire measuring range

Selectable buffer sets – Choose from USA or NIST buffer sets

Switch from pH to mV readings with a **button press** 

Features 0.1 mV resolution for ORP measurements

Available with removable electrode holder - 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, or relative mV readings with corresponding temperature

Hold function, "Ready" indicator, diagnostic error messages

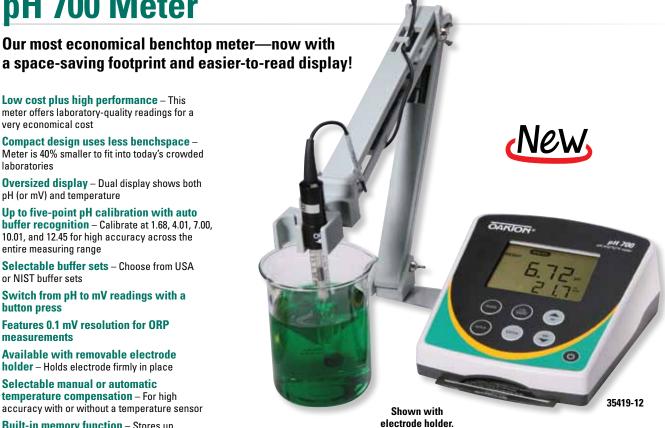
Slide-out instruction card for quick reference



**Education** 



Laboratory



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Specifications		CERTIFIED SUPPLIER INITIAL INI	
Mode	pH	mV	Temperature
Range	−2.00 to 16.00 pH	±2000 mV	0 to 100.0°C (32 to 212°F)
Resolution	0.01 pH	0.1 mV from ±199.9 mV, 1 mV beyond ±199.9 mV	0.1°C or 0.1°F
Accuracy	±0.01 pH	±0.2 mV from ±199.9 mV, ±2 mV beyond ±199.9 mV	±0.3°C (±0.5°F)
Calibration	Up to 5 points (USA: 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	Offset 0.1°C increments up to ±5°C

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

Memory: up to 100 sets, pH and temperature Output: None

Display: 31/4" x 27/8" (8.3 x 6.2 cm) dual LCD with temperature and mode annunciators

Error messages: diagnose operator error, electrode error, and meter error. Pull-out instruction card decodes message

Operating temperature: 5 to 45°C (41 to 113°F), noncondensing humidity

Power: 100/240 VAC, 50/60 Hz using AC adapters (included). AC adapters are UL and CSA listed.

Dimensions

Meter: 61/8" x 67/8" x 23/4" (15.5 x 17.5 x 6.9 cm) Boxed: 9" x 12¾" x 5" (23 x 35 x 12.5 cm)

Meter only: 1.4 lb (0.6 kg); Boxed: 4 lb (1.8 kg)

Urdering Information				
Catalog number	Description	Included		
WD-35419-00	pH 700 meter	Meter and AC adapter		
WD-35419-03	pH 700 meter with electrode	Meter, single-junction "All-in-One" temperature pH electrode 35811-71, and AC adapter		
WD-35419-12	pH 700 meter with electrode holder	Meter, electrode holder, and AC adapter		
WD-35419-10	pH 700 meter kit	Meter, double-junction pH electrode 35805-04, temperature probe 35613-13, electrode holder, and AC adapter		