

Multiparameter — Benchtop Meters

PC 700 pH/Conductivity Meter

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

Easily toggle between pH, mV, conductivity, and TDS readings

Large, dual display shows both measured parameter and temperature (°C/°F) – Read two parameters from across the lab

New space-saving design uses less benchspace – Footprint is 40% smaller

Easy push-button calibration – Five-point calibration for pH and either conductivity or TDS; temperature offset calibration

Advanced setup mode – Recalls previous calibration points, pH electrode slope/offset, conductivity/TDS effective cell constants per range, and more

Removable electrode holder arm – Holds electrodes firmly in place

pH auto buffer recognition – For fast, easy pH calibration

Selectable auto or manual ranging for conductivity and TDS measurements

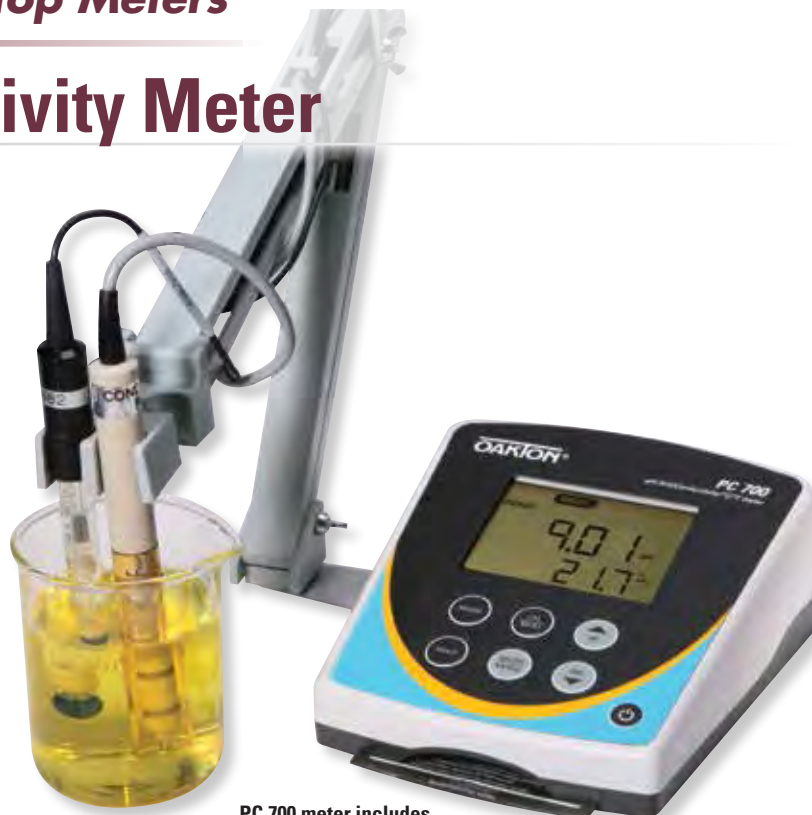
Adjustable conductivity-to-TDS conversion factor and temperature coefficient – Gives highest accuracy in any solution

Selectable manual or automatic temperature compensation

Selectable automatic endpoint – Automatically freezes reading when stable

Hold function, “Ready” indicator, diagnostic error messages

Slide-out instruction card for quick reference



PC 700 meter includes electrode holder and handy slide-out instruction card.

ISO9001:2008
CERTIFIED SUPPLIER

3 year
warranty
meter only

Specifications

Mode	pH	mV/Rel mV	Conductivity	TDS	Temperature
Range	–2.00 to 16.00 pH	±2000 mV	0.00 to 19.99 µS, 0.0 to 199.9 µS, 0 to 1999 µS, 0 to 19.99 mS, 0.0 to 200 mS	0.00 to 9.99 ppm, 10.0 to 99.9 ppm, 100 to 999 ppm, 1.00 to 9.99 ppt, 10.0 to 99.9 ppt, 100 to 200 ppt*	0 to 100°C (32 to 212°F)
Resolution	0.01 pH	0.1 mV from ±199.9 mV, 1 mV beyond	0.01 µS, 0.1 µS, 1 µS, 0.01 mS, 0.1 mS	0.01 ppm, 0.1 ppm, 1 ppm, 0.01 ppt, 0.1 ppt	0.1°C/°F
Accuracy	±0.01 pH	±0.2 mV from ±199.9 mV, ±2 mV beyond	±1% full-scale	±1% full-scale	±0.5°C (±0.9°F)
Calibration	Up to five points (USA: 1.68, 4.01, 7.00, 10.00, 12.45; NIST: 1.68, 4.01, 6.86, 9.18, 12.45)	—	One point per range (up to 5)	One point per range (up to 5)	Offset up to ±5°C/°F

*200 ppt @ 1.0 factor

Input impedance: >1012 Ω

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

Conductivity cell constant (K): 0.1, 1.0, 10.0 (selectable)

Conductivity temperature coefficient:
0.0 to 10.0% per °C (adjustable)

Conductivity-to-TDS conversion factor:
0.4 to 1.0 (adjustable)

Normalization temperature: 15 to 30°C (adjustable)

Memory: up to 100 data sets

Display: 3¼" x 2½" (8.3 x 6.2 cm) dual LCD of pH, mV, conductivity, or TDS with temperature (in °C or °F)

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

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

Power: universal 100/240 VAC, with AC adapters is UL/CSA listed

Dimensions

Meter: 6½" x 6½" x 2¾" (15.5 x 17.5 x 6.9 cm)

Boxed: 9" x 12¾" x 5" (23 x 35 x 12.5 cm)

Weight

Meter only: 1.25 lb (0.6 kg); **Boxed:** 3 lb (1.4 kg)

See page 43 for
conductivity cells and
calibration solutions.

Ordering Information

Catalog number	Precalibrated catalog number	Description	Included
WD-35413-20	WD-35413-21	PC 700 meter	Meter, electrode holder, and AC adapter
WD-35413-00	WD-35413-01	PC 700 meter with probes	Meter, double-junction pH electrode 35641-51, conductivity/temperature probe 35608-74, electrode holder, and AC adapter