

pH/CON 300 Meter

A waterproof meter that does it all—measures pH, conductivity, TDS, and temperature!

Waterproof and dustproof with IP67 rating—it FLOATS!

Toggle between pH, conductivity, and TDS readings

Dual display shows measured parameter plus temperature (°C/°F) – Read two parameters at a glance

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

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

pH auto buffer recognition – Fast, easy pH calibration

Auto ranging for conductivity and TDS measurements – Fast response and best resolution over a wide range

Selectable manual or automatic temperature compensation (ATC) – The highest accuracy in any situation

Selectable automatic endpoint – Automatically freezes reading when stable for five seconds

Separate pH and conductivity/TDS probes – Lets you use specialty probes for different applications

Hold function, Ready indicator, Automatic shutoff



Waterproof, IP67-rated housing floats!

ISO9001:2000
CERTIFIED SUPPLIER

3 year
warranty
meter only

Specifications

Mode	pH	Conductivity	TDS	Temperature
Range	-2.00 to 16.00 pH	0 to 19.99 μ S, 0 to 199.9 μ S, 0 to 1999 μ S, 0 to 19.99 mS, 0 to 199.9 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	0.0 to 100.0°C (32.0 to 212.0°F)
Resolution	0.01 pH	0.01 μ S, 0.1 μ S, 1 μ S, 0.01 mS, 0.1 mS	0.01, 0.1, 1 ppm, 0.01, 0.1, 1 ppt	0.1°C (0.1°F)
Accuracy	± 0.01 pH	$\pm 1\%$ full-scale	$\pm 1\%$ full-scale	$\pm 0.5^\circ\text{C}$ ($\pm 0.5^\circ\text{F}$)
Calibration	Up to five points (1.68, 4.01, 7.00, 10.00, 12.45)	Up to five points (one per range)	Up to five points (one per range)	Offset 0.1° increments

Conductivity-to-TDS factor: adjustable from 0.4 to 1

Normalization temperature: adjustable from 15 to 30°C (59 to 86°F)

Temperature coefficient: adjustable from 0.0 to 10.0% per °C or °F

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

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

Power: four 1.5 V AAA batteries (included), >200 hours continuous use

Dimensions

Meter: 7½" L x 3¼" W x 2¼" H (19 x 9.5 x 5.7 cm)

Boxed: 9½" L x 9½" W x 2¾" H (23 x 23 x 7 cm)

Weight

Meter: 1 lb (0.5 kg); **Boxed:** 2 lb (0.9 kg)



Hydroponics



Aquaculture

Ordering Information

Catalog number	Description	Included
WD-35631-00	pH/CON 300 meter	Meter, pH electrode 35641-51, combination conductivity/TDS/temperature probe 35608-50, and batteries
WD-35631-60	pH/CON 300 meter kit	Meter, pH electrode 35641-51, combination conductivity/TDS/temperature probe 35608-50, calibration solution pouches (three each of pH 4.01, 7.00, 10.00, and rinse water; and one each of 447 μ S, 1413 μ S, 2764 μ S, 15,000 μ S, and rinse water), sample bottles, hard carrying case, and batteries

Probes

WD-35641-51 Replacement pH electrode, double-junction, sealed, polygel fill, 3-ft (1-m) cable

WD-35608-50 Replacement combination conductivity/TDS/temperature probe, K = 1.0, 3-ft (1-m) cable

WD-35618-05 Temperature probe. Provides ATC for pH when used with pH electrodes without ATC