

# 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
<b>Range</b>	-2.00 to 16.00 pH	0 to 19.99 µS, 0 to 199.9 µS, 0 to 1999 µS, 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)
<b>Resolution</b>	0.01 pH	0.01 µS, 0.1 µS, 1 µS, 0.01 mS, 0.1 mS	0.01, 0.1, 1 ppm, 0.01, 0.1, 1 ppt	0.1°C (0.1°F)
<b>Accuracy</b>	±0.01 pH	±1% full-scale	±1% full-scale	±0.5°C (±0.5°F)
<b>Calibration</b>	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)

## 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 µS, 1413 µS, 2764 µS, 15,000 µS, 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



Hydroponics



Aquaculture