

# OAKTON® waterproof and standard pH/conductivity/°C pH/CON 10 Meters

Measure pH, conductivity and temperature with **just one meter and probe**. Choose between standard and **waterproof models!**

## Select from standard or waterproof pH/CON 10 models

Waterproof model features an IP67-rated, dustproof and waterproof housing that floats!

## Toggle between pH/°C and conductivity/°C readings with one button press

for the convenience of three meters in one!

## Includes multi-sensor submersible probe with 10-ft submersible cable

there's no need to switch probes when you switch measurement modes!

## Dual display shows measured parameter plus °C simultaneously

mode annunciators make readings easy to understand

## Easy push-button pH and conductivity calibration

calibrate pH at up to three points and conductivity at up to four points for high accuracy over the entire measuring range

## Auto-buffer recognition for pH calibration

## Auto ranging for conductivity measurements

for fast response over a wide range

## Automatic Temperature Compensation

keeps your measurements accurate even in solutions with varying temperatures

## Hold function, Ready indicator, Automatic shutoff

## Meter kits available

contains everything you need for calibration and measurement packaged in a hard carrying case



Clockwise from left: Waterproof pH/CON 10 with probe.

Waterproof pH/CON 10 features an IP67-rated housing that floats!

pH/CON 10 probe comes with a 10-ft submersible cable—ideal for field use. Standard pH/CON 10 with probe.

pH/CON 10 kit stores and organizes all the components you need for calibration and measurement.



ISO 9001  
Vendor  
CERTIFIED

3 year  
warranty  
waterproof model  
meter only

2 year  
warranty  
standard model  
meter only



**One meter does it all—measure pH, conductivity and temperature without switching meters or probes!** Switch between conductivity and pH with a button press. Meters read pH from 0 to 14 pH, conductivity over four ranges up to 19.99 mS, and temperature in °C. Three-point pH calibration with auto-buffer recognition and four-point conductivity calibration provide high accuracy.

Choose from standard or waterproof models. The standard model features a built-in stand for tabletop use, a water-resistant keypad and optional AC power. The rugged dustproof, waterproof model has an IP67-rated housing that floats!

The pH/CON 10 meter is available in a kit which includes everything you need for fast, consistent calibration and measurement. See the back of this sheet for ordering information and complete specifications.

**OAKTON® ...setting the standard, again and again™**

<http://www.instrumentation2000.com/oakton-waterproof-ph-con-10-meter.aspx>

Large dual LCD shows measurement plus temperature, units and current function.



Toggle display from pH/temperature readings to conductivity/temperature readings with a button press.



Multi-sensor probe features three different sensors, so you can take pH, conductivity, and temperature measurements with just one probe.



Easy-access 6-pin connector for probe is located on meter's top. Standard pH/CON 10 model also has connection for optional AC adapter.



Standard pH/CON 10 model features a sturdy built-in meter stand for handy tabletop use.



## pH/CON 10 Meters

### • Applications •

**Environmental / Agricultural Applications:** Use these meters in ecology studies, aquaculture, and hydroponics.

**Industrial Applications:** Use these meters to check metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, recirculating systems, and waste water.

**Water Quality Testing:** These meters are great for analyzing water hard water, drinking water, effluent water, and incoming process water. They are ideal for all types of quality assurance and water quality testing.

**Educational Applications:** These economical meters are ideal for quick pH and conductivity checks in labs and schools.

### • Specifications •

Mode	pH	Temperature	Conductivity
Range	0.00 to 14.00 pH	0.0 to 100.0°C	0 to 19.99 µS, 0 to 199.9 µS, 0 to 1999 µS, 0 to 19.99 mS
Resolution	0.01 pH	0.1°C	0.01 µS, 0.1 µS, 1 µS, 0.01 mS
Accuracy	±0.01 pH	±0.5°C	±1% full scale or ±1 digit
Calibration	Up to three points (pH 4.01, 7.00, 10.00)	Offset in 0.1°C increments	Up to four points (one point per range)

Temperature compensation:

Automatic Temperature Compensation (ATC) from 0 to 50°C

Operating temperature: 0 to 50°C

Conductivity cell constant (K): fixed at K = 1.0

Conductivity temperature coefficient: fixed at 2.00% per °C

Power:

Standard pH/CON 10: 4 x 1.5 V AAA batteries; >50 hours continuous use (included); 9V, 500 mA AC adapter (optional)

WP pH/CON 10: 4 x 1.5 V AAA batteries; >100 hours continuous use (included)

Dimensions:

Standard pH/CON 10: 7.5"L x 3.5"W x 1.75"H (19 x 9 x 4.5 cm)

WP pH/CON 10: 7.5"L x 3.75"W x 2.25"H (19 x 9.5 x 5.7 cm)

Boxed: 9.2"L x 9.2"W x 2.75"H (23 x 23 x 7 cm)

Probe: 6.8"L x 1.3" dia (173 mm L x 33 mm dia) with 10 ft (3 m) cable

Weight:

Meter: 1.0 lbs (0.45 kg)

Boxed: 1.4 lbs (0.64 kg)

### • Ordering Information •

#### pH/CON 10 Meter

Include pH/conductivity/°C probe with 10-ft submersible cable, operating instructions, and batteries. Shipping weight 1.4 lbs (0.6 kg)

**WD-35630-00 Standard pH/CON 10 meter**

**WD-35630-02 Waterproof pH/CON 10 meter**

**pH/CON 10 Meter Kit.** Includes meter, pH/conductivity/°C probe with 10-ft submersible cable, calibration solution pouches (three each pH 4.01; 7.00; 10.00 and two each conductivity 447 µS; 1413 µS; 2764 µS, 15,000 µS), 3 rinse water pouches, sample bottle, instructions and hard carrying case. Shpg wt 2.0 lb (0.9 kg)

**WD-35630-60 Standard pH/CON 10 meter kit**

**WD-35630-62 Waterproof pH/CON 10 meter kit**

**WD-35630-69 Kit without meter**

#### "Singles" Calibration Solution Pouches

Each single-use pouch contains 20 ml of fresh calibration solution. pH "Singles": ±0.01 pH accuracy at 25°C. Conductivity "Singles": ±1% accuracy at 25°C; include NaCl, KCl and 442 TDS conversion factors. Certified to NIST traceable standards. Shpg wt 1 lb (0.5 kg). Box of 20.

**WD-35653-01 pH "Singles", 4.01**

**WD-35653-02 pH "Singles", 7.00**

**WD-35653-03 pH "Singles", 10.00**

**WD-35653-00 pH "Singles", rinse water**

**WD-35653-04 pH "Singles", assortment pack,**  
5 each of pH 4.01; 7.00; 10.00 and rinse water

**WD-35653-10 Conductivity "Singles", 447 µS**

**WD-35653-11 Conductivity "Singles", 1413 µS**

**WD-35653-13 Conductivity "Singles", 15,000 µS**

#### Calibration Solution Bottles

1 pint of calibration solution each. pH solutions have ±0.01 pH accuracy at 25°C. Conductivity solutions have ±1% accuracy at 25°C and include NaCl, KCl and 442 TDS conversion factors. Certified to NIST traceable standards. Shpg wt 1.3 lbs (0.6 kg).

**WD-00654-00 Calibration bottle, pH 4.01**

**WD-00654-04 Calibration bottle, pH 7.00**

**WD-00654-08 Calibration bottle, pH 10.00**

**WD-00653-16 Calibration bottle, 84 µS**  
(40.38 ppm KCl, 38.04 ppm NaCl, 50.50 ppm 442)

**WD-00653-47 Calibration bottle, 447 µS**  
(225.6 ppm KCl, 215.5 ppm NaCl, 300.0 ppm 442)

**WD-00653-18 Calibration bottle, 1413 µS**  
(744.7 ppm KCl, 702.1 ppm NaCl, 1000 ppm 442)

**WD-00653-89 Calibration bottle, 8974 µS**  
(5101 ppm KCl, 4487 ppm NaCl, 7608 ppm 442)

**WD-00653-50 Calibration bottle, 15,000 µS**  
(8759 ppm KCl, 8532 ppm NaCl, 13,455 ppm 442)

#### Accessories

**WD-35630-50 Replacement pH/conductivity/°C probe**  
with 10-ft submersible cable

**WD-35615-75 Belt loop portable meter carrying case.**  
Soft case with clear plastic front panel protects your meter while allowing you to take measurements. Top and side openings let probe and probe connections remain accessible. Use with standard pH/CON 10 only. Shpg wt 1.0 lb (0.5 kg)

**WD-35615-07 AC adapter, 9 VDC to 110 VAC.** UL, CSA listed.  
Use with standard pH/CON 10 only

**WD-35615-08 AC adapter, 9 VDC to 220 VAC.** UL, CSA listed.  
Use with standard pH/CON 10 only

See OAKTON product Bulletin # DO B2 for information on our waterproof DO 300 and DO 310 Dissolved Oxygen meters.

### • ORDER FROM •

Contact:  
Industrial Process Measurement, Inc.  
3910 Park Avenue, Unit 7  
Edison, NJ 08820  
732-632-6400  
support@instrumentation2000.com  
<http://www.instrumentation2000.com>