

Oakton pH/Con 300 Meter

The OAKTON pH/CON 300 features a superior waterproof and dustproof housing with an IP67 rating. Measure pH, TDS, conductivity and temperature in °C/°F with one meter. This meter uses separate probes to let you select specialty probes for different applications.

Features

- Toggle between pH, TDS, and conductivity readings
- Dual display shows measured parameter plus temperature
- Features selectable automatic endpoint display to “hold” reading when it is stable for more than five seconds
- Selectable Manual or Automatic Temperature from 0.0 to 100.0°C
- Advanced setup mode lets you customize meter parameters, view calibration values for pH and conductivity (TDS), view pH electrode slope for diagnostic purposes

Specifications

pH

Range: -2.00 to 16.00 pH

Resolution: 0.01 pH

Accuracy: ± 0.01 pH

mV

Range: -2000 to +2000 mV

Resolution: 0.1 mV ± 199.9 mV, 1 mV beyond

Accuracy: ± 0.2 mV ± 199.9 mV, ± 2 mV beyond



Conductivity

Range: 0.00 to 19.99 μ S, 0.0 to 199.9 μ S, 0 to 1999 μ S, 0.00 to 19.99 mS, 0.0 to 199.9 mS

Resolution: 0.01 μ S, 0.1 μ S, 1 μ S, 0.01 mS, 0.1 mS

Accuracy: $\pm 1\%$ full scale

TDS

Range: 0 to 9.99 ppm, 10.0 to 99.9 ppm, 100 to 999 ppm, 1.00 to 9.99 ppt, 10.0 to 199.9 ppt

Resolution: 0.01 ppm, 0.1 ppm, 1 ppm, 0.01 ppt, 0.1 ppt

Accuracy: $\pm 1\%$ full scale

Temperature

Range: 0.0 to 100.0°C

Resolution: 0.1°C

Accuracy: $\pm 0.5^\circ$ C

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Power

Four AAA Batteries

Applications

- Environmental / Agricultural Applications: Use this meter in ecology studies, aquaculture, and hydroponics.
- Industrial applications: Use this meter to check metal finishing, cooling tower water, printing fountain solutions, boiler water, brines, rinse tanks, ponds, pollution control, re-circulating systems, and waste water.
- Water Quality Testing: This meter is great for analyzing hard water, drinking water, effluent water, and incoming process water. It's ideal for all types of quality assurance and water quality testing.
- Laboratory Applications: Use in all types of food analysis and quality assurance testing, and any laboratory where GLP data management is required.
- Educational Applications: This economical meter is ideal for quick pH and conductivity checks in labs and schools.

Kit Contents

- Meter
- pH electrode with 3ft cable combination conductivity/temperature probe
- Carrying case, Manual & Extra batteries

Accessories

- Calibrations buffers and standards
- Kim Wipes
- Rite in the rain paper and notebooks
- Nitrile gloves & disposable cups