

OAKION® Benchtop pH/Conductivity/TDS 510 Meter

Easily toggle between pH, conductivity, and TDS measurements at the touch of a button!



Probe holder arm attaches to either side of the meter.

35610-10

- ▶ Conductivity and TDS autoranging chooses the best resolution for each measurement.
- ▶ Previous calibration points, electrode slope and offset, and conductivity/TDS cell constants are stored in memory for quick and easy retrieval.
- ▶ Measure pH and conductivity/TDS with separate probes—use for a wide variety of applications.
- ▶ Features pH auto-buffer recognition, selectable °F/°C, HOLD, and water-resistant membrane keypad

What's included: a double-junction pH electrode with BNC connector, conductivity/TDS/temperature probe, electrode holder arm, 110 VAC and 220 VAC power adapters, and instructions. Three-year warranty on meters only.

A-35610-10 pH/Con 510 benchtop meter, 110/220 VAC

Specifications



Mode	Range	Resolution	Accuracy
pH	-2.00 to 16.00 pH	0.01 pH	±0.01 pH
Conductivity	0.0 to 19.99, 0 to 199.9, 0 to 1999 µS; 0 to 19.99, 0 to 199.9 mS	0.01, 0.1, 1 µS; 0.01, 0.1 mS	±1% full scale
TDS	0.00 to 9.99, 10.0 to 99.9, 100 to 999 ppm; 1.00 to 9.99, 10.0 to 99.9, 100 to 200 ppt	0.01, 0.1, 1 ppm; 0.01, 0.1, 1 ppt	±1% full scale
Temperature	32 to 212°F (0 to 100°C)	0.1°F or °C	±0.5°F or °C

Calibration

pH: up to five points (pH 1.68, 4.01, 7.00, 10.01, and 12.45)
Conductivity/TDS: up to five points (one point per range)
Temperature: offset in 0.1° increments

Temperature compensation:

automatic or manual

Conductivity temperature coefficient:

adjustable from 0.0 to 10% per °C

Conductivity cell constant:

fixed at K = 1.0 cm⁻¹

Conductivity-to-TDS factor:

adjustable from 0.4 to 1.0

Operating temperature:

32 to 122°F (0 to 50°C)

Display:

dual LCD shows measurement plus temperature

Power:

110 or 220 VAC

Dimensions:

9"W x 2 3/4"H x 7"D

Shpg wt:

3 lb (1.4 kg)

Accessories

A-59001-70 Replacement combination pH electrode; double-junction, gel-filled. Epoxy body, BNC connector

A-35608-50 Replacement conductivity cell, epoxy/platinum with built-in temperature sensor

A-35613-05 Temperature probe, 316 SS

Accumet® pH/mV Benchtop Meters

New

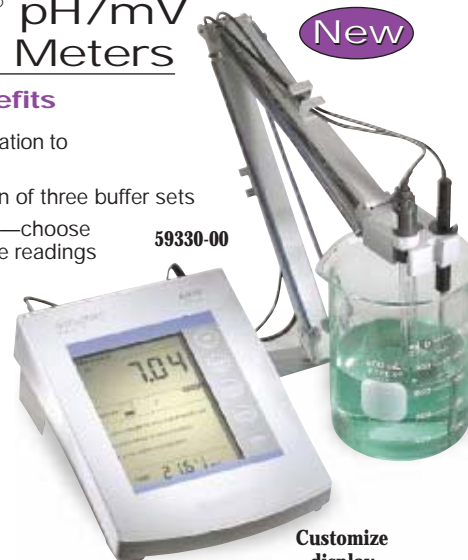
Features & Benefits

- ▶ Up to five-point calibration to ensure accuracy
- ▶ Automatic recognition of three buffer sets
- ▶ Selectable resolution—choose faster or more precise readings

59330-00

Basic pH Meter

Access all meter functions, including push-button calibration and automatic electrode check, with five front-panel buttons. The large (3"W x 4 1/4"H) LCD steps you through setup and operation.



Customize display

Research pH Meters

Touch screen is easy to use and maintain. Meters offer extensive datalogging—store up to 250 readings complete with measurement, temperature, date, time, and sample number. Each reading is time/date stamped to comply with Good Laboratory Practice (GLP) standards. Download readings to a computer or printer using the RS-232 output port for later analysis.

What's included: All meters include electrode support arm and power supply. Basic pH meters include pH electrode with ATC 59500-81. Research pH meters include pH electrode 55500-00 and ATC probe 94000-62.

Specifications & Ordering Info



Cat. no. (115 VAC)		A-59330-00	A-59330-10
Cat. no. (230 VAC)		A-59330-05	A-59330-15
Description		Basic pH meter	Research pH meter
Range	pH mV Temp, °C	-1.99 to 19.99 ±1800.0 -5.0 to 105.0	-2.000 to 20.000 ±1800.0 -5.0 to 105.0
Resolution	pH mV Temp, °C	0.1/0.01 0.1 0.1	0.1/0.01/0.001 0.1 0.1
Accuracy	pH mV Temp, °C	±0.01 ±0.1 ±0.5	±0.002 ±0.1 ±0.2
Display		Custom 3"L x 4 1/2"W LCD, 3/4" and 5/16"H digits	Custom 4 1/2"L x 6"W LCD, 3/4" and 1/4"H digits
Temp compensation		Automatic or manual	Automatic or manual
Calibration		Up to five pH buffers	Five pH buffers, one ION standard, one conductivity standard, and one relative mV offset
Buffer recognition		Automatic at 16 buffer values	Automatic at 16 buffer values, manual calibration, and custom values
Output		None	RS-232
Dimensions		5 1/2"L x 7 1/2"W x 3 1/4"H	6 1/2"L x 9 1/4"W x 3 1/2"H
Shpg wt		6 lb (2.8 kg)	8 lb (3.7 kg)
Price			

A-59500-81 Replacement pH/ATC electrode for models 59330-00 and -05; plastic body, refillable liquid Ag/AgCl reference

A-55500-00 Replacement combination pH electrode; for models 59330-10 and -15; glass body, refillable liquid Ag/AgCl reference

A-94000-62 Replacement ATC probe for models 59330-10 and -15