

OAKTON[®] Acorn[™] pH 5 & pH 6

pH/°C and pH/mV/°C

These rugged and compact meters offer high accuracy at an extremely affordable price!

Simple push button operation

so fast and easy, anyone can use it—no trim pots to adjust!

Toggle between pH and temperature in °C with a press of a button

Three-point pH calibration

at pH 4.01, 7.00 and 10.01 gives you high ± 0.01 pH accuracy

Automatic Temperature Compensation (ATC)

for the highest accuracy in changing temperature conditions

Auto buffer recognition

automatically identifies the correct pH buffer for rapid calibration

Hold function

freezes measurements for convenient reading and recording

Auto-off function

turns off meter after 17 minutes of non-use to save batteries

Calibration instructions are printed on back of meter

for quick reference and added convenience

Use meter with most electrodes with BNC connectors

Optional protective boot

helps shield your meter from drops and dings and features a built-in stand

Meter kits available

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

pH 6 features:

Measurements in pH, mV and °C

use for ORP (Redox) measurements



3 year warranty
meter only



ISO 9001
Vendor
CERTIFIED

Above: pH 6 portable meter shown with pH electrode and temperature probe.

Top right: pH 5 taking pH measurements.

Middle right: pH 5 shown with optional rubber boot.

Lower right: pH 5 meter kit contains everything you need for calibration and measurement.



Rugged and compact, the OAKTON ACORN Series pH 5 and pH 6 offer high accuracy at an extremely affordable price! These are our most economical microprocessor-based portable pH meters. Choose between the pH 5 or pH 6 meter—the pH 6 meter also reads millivolts for taking ORP measurements.

The pH 5 and pH 6 offers easy access connections for electrode and temperature sensor. Toggle between pH and temperature with a press of a button. The splash-resistant membrane keypad helps protect meter components from those occasional spills. The large LCD gives you a clear reading at a glance, and warns you of low-battery conditions or calibration errors.

The ACORN Series pH 5 and pH 6 are available in kits and include all the components for fast, consistent calibration and measurement. Order the optional rubber boot to protect your meter from drops and dings. See the back of this sheet for ordering information, complete specifications and accessories.

OAKTON[®] ...setting the standard, again and again[™]

Large Custom LCD for clear and easy readings; temperature display at the touch of a button.



Easy access connections for BNC electrode and temperature sensor.



Splash-resistant membrane keypad helps protect components.



Optional rubber boot offers sturdy protection for meter; acts as meter stand for benchtop use.



Acorn pH meter kits store and organize all the components you need for fast, consistent calibration and measurement.



ACORN™ pH 5 and pH 6 Meters

• Applications •

Water Quality Testing: Use the Acorn™ Series meters for analyzing water in pools or spas, lithographic processes, boiler and cooling tower water analysis and all types of quality assurance and water quality testing.

Environmental/Agricultural Applications: Use in ecology studies, aquariums and hydroponics.

Educational Applications: These economical, sturdy meters are ideal for quick, accurate checks in labs and schools.

• Specifications •

Model	for both pH 5 and pH 6 meters		for pH 6 meter only
	pH	Temperature	mV
Range	0.00 to 14.00 pH	0.0 to 100.0 °C	-1000 to +1000 mV
Resolution	0.01 pH	0.1 °C	1 mV
Accuracy	±0.01 pH	±0.5 °C	±2 mV
Calibration	Up to 3 buffer values (pH 4.01; 7.00; 10.0)	Offset 0.1°C increments	±20 mV

Temperature Compensation:

Automatic Temperature Compensation (ATC) from 0.0 to 100.0°C

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

Power: 4 x 1.5 V AAA batteries; >70 hours continuous use (included)

Dimensions:

Meter: 5.5" x 2.7" x 1.3" (14 x 7 x 3.5 cm)

Boxed: 9.25" x 6.5" x 3.0" (23.5 x 16.5 x 7.5 cm)

Weight: Meter: 0.9 lb (408 g); Boxed: 1 lb (450 g)

• Ordering Information •

ACORN pH Meters

All meters include operating instructions and batteries. Shipping weight: 1.0 lb (450 g).

Meter with temperature probe (WD-35613-05) only

WD-35613-01 pH 5 meter, electrode not included

WD-35613-11 pH 6 meter, electrode not included

Meter with pH electrode (WD-35801-00) and temperature probe (WD-35613-05)

WD-35613-00 pH 5 meter

WD-35613-10 pH 6 meter

Meter with pH electrode (WD-35801-00), temperature probe (WD-35613-05) and protective rubber boot (WD-35606-80)

WD-35613-04 pH 5 meter

WD-35613-14 pH 6 meter

ACORN pH meter kits, contains Acorn pH meter, pH electrode, temperature probe, pH "Singles" buffer pouches pH 4.01; 7.00; 10.00 and rinse water, squeeze bottle, batteries and instructions, all in a hard carrying case. Shpg wt: 2.0 lbs (0.9 kg).

WD-35613-70 pH 5 meter kit

WD-35613-72 pH 6 meter kit

pH Calibration Buffer Bottles

1 pint of calibration solution each. ±0.01 pH accuracy at 25°C. Certified to NIST traceable standards. Shpg wt 1.3 lbs (0.6 kg).

WD-00654-00 pH 4.01 calibration buffer

WD-00654-04 pH 7.00 calibration buffer

WD-00654-08 pH 10.00 calibration buffer

pH "Singles" Calibration Buffer Pouches

Each single-use pouch contains 20 ml of fresh calibration solution. ±0.01 pH accuracy at 25°C. 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

Electrodes and Accessories

All electrodes have 3-ft cable. Electrodes shpg wt 0.5 lb (0.2 kg) each.

WD-35606-80 Protective rubber boot for Acorn Series meters

WD-35613-05 Replacement temperature probe, 316 SS, polypropylene cap

WD-35801-00 pH electrode, epoxy body, single junction, 5.2"L x 0.5" OD (12 mm)

WD-35805-01 pH electrode, epoxy body, double junction, 5.2"L x 0.5" OD (12 mm)

WD-35811-71 "All-in-One" Acorn combination pH/temperature probe, epoxy body, single junction, 5.75"L x 0.5" OD (12 mm)

WD-35811-72 "All-in-One" combination pH/temperature probe, epoxy body, double junction, 5.2"L x 0.47" OD (12 mm) with 3-ft cable. Shpg wt 0.5 lb

WD-35805-13 ORP electrode, epoxy body, single junction, 5.75"L x 0.5" OD (12.5 mm)

• 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>

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