

# OAKTON<sup>®</sup> pH/mV/°C pH 10 Economy Meter

Our most economical meter with a **dual display**, which lets you see **BOTH pH or mV and temperature at a glance!**

## Measurements in both pH and mV

accuracy of  $\pm 0.2$  mV from 0 to  $\pm 399.9$  mV,  
 $\pm 2$  mV from  $\pm 399.9$  mV to  $\pm 1999$  mV

## Three-point pH calibration

at pH 4.01, 7.00 and 10.01 gives you high  
 $\pm 0.01$  pH accuracy

## Auto buffer recognition

automatically identifies the correct pH buffer  
for rapid calibration

## Selectable Manual or Automatic Temperature Compensation

for the highest accuracy in any situation

## Ready indicator

indicates when reading has stabilized, so  
you always record the best reading

## Hold function

freezes measurements for convenient reading  
and recording

## Auto-off function

turns off meter after 20 minutes of non-use to  
save batteries

## Power with batteries or optional AC adapter

for use in the field or at your benchtop

## Use meter with most electrodes with BNC connectors

## Meter kits available

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



**2** year  
warranty  
meter only



ISO 9001  
vendor  
CERTIFIED

*Above:* The pH 10 shown with "All-in-One" combination  
pH electrode/temperature sensor.

*Top right:* The pH 10 shown with separate electrode and  
temperature probe.

*Middle right:* Portable meter carrying case protects meter  
while in use (sold separately).

*Bottom right:* Our pH meter kits contain everything you  
need for calibration and measurement.

**The OAKTON pH 10 is an economical, microprocessor-based meter that delivers  $\pm 0.01$  pH accuracy!** The dual display lets you see pH or mV and temperature in  $^{\circ}\text{C}$  at a glance. It is perfect for taking routine pH and temperature measurements. The pH 10 meter also reads in millivolts for taking ORP measurements.

Use built-in stand and optional AC adapter (order separately) for benchtop applications. Electrode cable wraps behind the meter for easy one-hand operation. All meter functions are accessible from the water-resistant membrane keypad

The Economy pH 10 is available in a kit and includes all the components for fast consistent calibration and measurement. See the back of this sheet for ordering information and complete specifications.

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



Easy access connections for electrode, temperature probe and optional AC adapter are located on the meter's top.



Handy electrode holder positions electrode for one-hand use or storage. Electrode cable wraps up neatly behind meter.



Sturdy built-in meter stand for convenient tabletop use.



Belt loop carrying case protects your meter from the elements while in use (order separately).



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



## pH 10 Economy Meter

### • Applications •

**Water Quality Testing:** These meters are great for analyzing water in pools or spas, photographic developing processes, and all types of quality assurance and water quality testing.

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

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

### • Specifications •

Mode	pH	Temperature	mV
Range	0.00 to 14.00	0.0 to 100.0°C	-399.9 to +399.9 mV/ -1999 to +1999 mV
Resolution	0.01 pH	0.1°C	0.1 mV/1 mV
Accuracy	±0.01 pH	±0.5°C	±0.2mV ±399.9 mV; ±2mV beyond ±399.9 mV
Calibration	Up to 3 buffer values (pH 4.01, 7.00, 10.01)	Offset 0.1°C increments	—

Temperature Compensation: Automatic or manual from 0 to 50°C

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

Power: 4 x 1.5 V AAA batteries, >50 hours continuous use (included);  
9 V, 500 mA AC adapter (optional)

Dimensions:

Meter: 7.5"L x 3.5"W x 1.75"H (19 x 9 x 4.5 cm);

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

Weight: Meter: 1.0 lb (0.5 kg); Boxed: 1.4 lbs (0.7 kg)

### • Ordering Information •

#### pH 10 Meter

All meters include operating instructions, two electrode holders and batteries. Shipping weight 1.4 lb (0.6 kg).

#### Meter only

WD-35614-02 pH 10 meter

#### Meter with temperature probe (WD-35615-05)

WD-35614-01 pH 10 meter

#### Meter with electrode (WD-35801-00) and temperature probe (WD-35615-05)

WD-35614-00 pH 10 meter

#### Meter with "All-in-One" pH/temperature probe (WD-35801-71)

WD-35614-03 pH 10 meter

**Meter kit.** Kit contains meter plus "All-in-One" pH/temperature probe, 20 pH "Singles" pouches, sample bottle and hard carrying case. Shpg weight 2.0 lb (0.9 kg).

WD-35614-70 pH 10 meter kit

WD-35614-79 Kit without meter

#### 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

#### 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 7.01 calibration buffer

WD-00654-08 pH 10.01 calibration buffer

#### Electrodes

Electrode shpg wt 0.5 lb (0.2 kg) each.

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

WD-35615-05 Replacement temperature probe, 316 SS, 3" cable, polypropylene cap

WD-35801-71 Replacement "All-in-One" combination pH/temperature probe, single junction, sealed, 5.75"L x 0.5" OD (12 mm)

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

WD-35801-72 "All-in-One" combination pH/temperature probe, double junction, sealed, 5.75"L x 0.5" OD (12 mm)

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

WD-35805-15 ORP electrode, epoxy body, double junction, 5.75"L x 0.5" OD (12.5 mm)

#### Accessories

WD-35615-07 AC adapter, 110 VAC

WD-35615-08 AC adapter, 220 VAC

WD-09376-00 Replacement batteries, 1.5 V AAA. Pack of 12

WD-35615-75 Portable meter carrying case. Protects your instrument while still letting you take measurements—case's top and side openings let probe and probe connections remain accessible. (Meter and probes not included). Shpg wt 1 lb (0.5 kg)

OAKTON offers a wide selection of other pH and ORP electrodes—contact your OAKTON distributor for information.

### • ORDER FROM •