

# LAB TESTING pH/ISE/ORP Meters

## Oakton® pH 700 pH/ORP and PC 700 pH/ORP/Conductivity/TDS Meters

- Store and recall up to 100 data points
- Up to 5 point calibration for pH and conductivity

Oakton's pH 700 and PC 700 meters offer accurate measurements at a very economical price. Their compact footprint — less than 6" x 7" — saves valuable bench space. Choose the pH 700 model to measure pH, mV and ORP, or the PC 700 model to also measure conductivity and TDS.

Each meter features an oversized dual display that shows temperature along with your measurement. An on-screen indicator appears when the measurement is stable. Use the Hold function to freeze the screen, or store up to 100 measurements in memory to recall later.

It's easy to calibrate up to five points for both pH and conductivity measurements. Automatic pH buffer recognition for USA or NIST buffers makes pH calibration even simpler. The meter automatically calculates and displays the calibration slope, then stores it in memory.

Calibrate conductivity either automatically or manually. The autoranging feature selects the best conductivity range for your sample. Conductivity/TDS cell constants are stored in memory for easy access.



Order conductivity probes separately

The built-in electrode holder keeps the electrode steady and your benchtop organized. Use the slide-out reference card to quickly check instructions and troubleshooting tips. Meter uses electrodes with a BNC connector.

**Includes:** electrode stand and 110/220 VAC adapters. Electrodes and ATC probe are not included—order separately. We recommend pH electrode stock # 52023 for potable water applications and pH electrode stock # 52024 for wastewater. See ordering table at right for pH electrodes and conductivity probes. 3-year meter warranty.



# OAKTON®

Space saving design  
with oversized  
dual display



Order electrodes separately

DESCRIPTION	STOCK #	EACH
pH 700 pH/mV/ORP Meter Only	20645	\$
PC 700 pH/mV/ORP/Conductivity/TDS Meter Only	20647	
<b>ACCESSORIES</b>		
Sealed Single-Junction Electrode with Built-In ATC	52023	\$
Sealed Double-Junction Electrode with Built-In ATC	52024	
USABlueBook Sealed Single-Junction Electrode with Built-In ATC	86312	
Sealed Double-Junction ORP Electrode	31973	
USABlueBook Sealed Double-Junction Electrode with Built-In ATC	86307	
SS ATC Probe	52003	
USABlueBook pH Buffer Pack (One Pint Each of pH Buffer 4, 7, 10 and Storage Solution)	40435	
Conductivity Probe, K=0.1	20678	
Conductivity Probe, K=1.0	20679	
Conductivity Probe, K=10	20680	

<b>pH</b>	
Range:	0.00 to 14.00 pH
Resolution:	0.01 pH
Accuracy:	±0.01 pH
Calibration points:	up to 5 with automatic buffer recognition
Auto buffer recognition:	USA: pH 1.68, 4.01, 7.00, 10.01, 12.45 NIST: pH 1.68, 4.01, 6.86, 9.18, 12.45
<b>mV</b>	
Range:	±2000 mV
Resolution:	0.1 mV ±199.9 mV; 1 mV beyond
Accuracy:	±0.2 mV ±199.9 mV; ±2 mV beyond
<b>Conductivity (PC 700 only)</b>	
Range:	0 to 20.00, 200.0, 2000 µS; 0 to 20.00, 200.0 mS
Resolution:	0.05% full scale
Accuracy:	±1% full scale
<b>TDS (PC 700 only)</b>	
Range:	0 to 10.00, 100.0, 1000 ppm; 0 to 10.00, 100.0 ppt (0.5 TDS factor) 0 to 200.0 ppt (1.0 TDS factor)
Resolution:	0.05% full scale
Accuracy:	±1% full scale
<b>Temperature</b>	
Range:	0.0 to 100°C (32 to 212°F)
Resolution:	0.1°C or °F
Accuracy:	±0.5°C (±0.9°F)
Ready indicator:	yes
Slope calculation & display:	yes
Hold function:	yes
Memory function:	100 data sets
RS-232:	no

**HACH®**  
Be Right™

thermo scientific

See pages 885-889 for a wide assortment of **Titrators.**