

...setting the standard again and again®

## Oakton® 50 Series pH Pocket Testers

### New design stands up to the challenges of measuring water quality—even stands upright

The Oakton pH pocket testers stand up to everyday use, harsh environments, and the test of time. The testers can even stand upright when the cap is used as the stabilizing base. When you select one of these pH testers, you get a pocketful of useful features and benefits.

- Double-junction pH electrode sensor is dependable, long lasting, and easy to maintain—ideal for use with sulfides, heavy metals, organics, Tris buffer, or protein solids
- Easy-to-replace sensor module lets you use the tester body over and over again
- Intuitive interface has self-diagnostic error messages, and battery-life and stable reading indicators
- Simple operation at your fingertips with MENU button, 1-button calibration, and HOLD button to freeze readings for recording
- Valox® body resists most chemicals and is rugged, dustproof, waterproof, and IP67 rated
- Leakproof cap functions as a sample cup, sensor hydrating cup, and stabilizing base to stand the meter upright
- Uses common AAA batteries, and auto shutoff extends battery life

### Cap Design: versatile and functional



Easily replace sensor module  
with a twist—no tools required



Tester stands upright  
with wide, stable  
base



Leakproof: use to  
store and keep  
electrode hydrated



Use as a sample  
cup to calibrate or  
measure

## Applications

Agriculture | Aquaculture & Aquariums | Cooling Towers | Education | Environmental Monitoring | Food & Beverage | Hydroponics | Laboratories | Manufacturing | Pools & Spas | Printing | Water & Wastewater Treatment

### pHTestr® 50 Pocket Tester

- Automatic temperature compensation ensures accurate reading in varying environments
- Up to 3-point pH calibration with NIST or USA autobuffer recognition
- EPA compliant



### pHTestr® 50S Spear-Tip Pocket Tester

- Unique junction design increases electrolyte flow providing greater contact between sample and reference for fast, stable readings
- Up to 3-point pH calibration with NIST or USA autobuffer recognition
- Rugged spear tip penetrates soft solids and semisolid materials



### ORPTestr® 50 Pocket Tester

- Double-junction platinum electrode ideal for checking dirty water, heavy metals, sulfides, and organics
- Wide mV range for variety of common applications including industrial waste treatment, oxidation of cyanide, pulp bleaching, bleach manufacturing, and water sanitation



### PCTSTestr™ 50 Multiparameter Pocket Tester

- Versatile—measures pH, conductivity, TDS, and salinity
- Compatible with a wide range of samples with long-life pH electrode and stainless steel pin-style conductivity sensor
- Up to 3-point pH calibration with NIST or USA autobuffer recognition, user-adjustable temperature coefficient, and self-adjusting TDS and salinity factors



**Includes:** protective plastic storage case (except pHTester 50S), lanyard, and batteries.

ISO9001:2008  
CERTIFIED SUPPLIER



| Model                    | pHTestr 50                                                                                                 | pHTestr 50S                                     | ORPTestr 50                         | PCTSTestr 50                                                                                                                                                                                         |
|--------------------------|------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Catalog number           | WD-35634-15                                                                                                | WD-35634-25                                     | WD-35634-45                         | WD-35634-35                                                                                                                                                                                          |
| Range                    | -1.00 to 15.0 pH                                                                                           | -1.00 to 15.0 pH                                | -1000 to 1000 mV                    | pH: -1.00 to 15.0<br>Conductivity: 0.0 to 200.0 µS, 200 to 2000 µS; 2.00 to 20.00 mS<br>TDS: 0.0 to 100.0 ppm, 100 to 1000 ppm;<br>0.10 to 10.00 ppt (TDS factor 0.5)<br>Salinity: 0.00 to 10.00 ppt |
| Resolution               | 0.01 pH                                                                                                    | 0.01 pH                                         | ±1 mV                               | pH: 0.01<br>Conductivity: 0.1 µS, 1 µS; 0.01 mS<br>TDS: 0.1 ppm, 1 ppm; 0.01 ppt<br>Salinity: 0.10 ppt                                                                                               |
| Accuracy                 | ±0.01 pH                                                                                                   | ±0.01 pH                                        | ±2 mV                               | pH: ±0.01<br>Conductivity: ±1% full-scale<br>TDS: ±1% full-scale<br>Salinity: ±1% full-scale                                                                                                         |
| Temperature compensation | Automatic, 32 to 140°F (0 to 60°C)                                                                         | Manual, 32 to 140°F (0 to 60°C)                 | Manual                              | Automatic, 32 to 140°F (0 to 60°C)                                                                                                                                                                   |
| Calibration              | Up to 3 points                                                                                             | Up to 3 points                                  | 1 point, offset ±200 mV             | Up to 3 points (pH, conductivity and TDS)                                                                                                                                                            |
| Buffer recognition       | USA 4.01, 7.00, 10.01;<br>NIST 4.01, 6.86, 9.18                                                            | USA 4.01, 7.00, 10.01;<br>NIST 4.01, 6.86, 9.18 | —                                   | USA 4.01, 7.00, 10.01;<br>NIST 4.01, 6.86, 9.18                                                                                                                                                      |
| Temperature range        | 32 to 140°F (0 to 60°C)                                                                                    | 32 to 140°F (0 to 60°C)                         | 32 to 140°F (0 to 60°C)             | 32 to 140°F (0 to 60°C)                                                                                                                                                                              |
| Temperature resolution   | 0.1°F/°C                                                                                                   | 0.1°F/°C                                        | 0.1°F/°C                            | 0.1°F/°C                                                                                                                                                                                             |
| Temperature accuracy     | ±0.9°F (0.5°C) + 1 LSD from 32 to 122°F (0 to 50°C); ±1.8°F (1.0°C) + 1 LSD from 122 to 140°F (50 to 60°C) | —                                               | —                                   | ±0.9°F (0.5°C) from 32 to 122°F (0 to 50°C); ±1.8°F (1.0°C) from 122 to 140°F (50 to 60°C)                                                                                                           |
| Power                    | Four AAA 1.5 V batteries (included)                                                                        | Four AAA 1.5 V batteries (included)             | Four AAA 1.5 V batteries (included) | Four AAA 1.5 V batteries (included)                                                                                                                                                                  |