# OAKTON®

## INSTRUMENTS

**...setting the standard again and again®**

# Oakton® 50 Series Conductivity Pocket Testers

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

The Oakton conductivity 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 choose one of these conductivity testers, you get a pocketful of useful features and benefits.

- 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, hydrating cup, and stabilizing base to stand the tester upright
- Uses common AAA batteries

## Cap Design: versatile and functional


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 | Electroplating | Environmental Monitoring | Food & Beverage | Hydroponics | Manufacturing | Photo Development | Pools & Spas | Printing | Water & Wastewater Treatment

Easily replace sensor module with a twist—no tools required

## CTSTestr™ 50P and 50C Pocket Testers

- 3-in-1 testers measure conductivity, TDS, and salinity

- Up to 3-point conductivity calibration with automatic standard recognition

- Selectable TDS factor adds versatility

- Factory calibrated against NaCl standards—ideal for testing salinity in pools

- Available with pin-style or cup-style sensor

Immerse and read with pin-style sensor

Draw or grab samples with cup-style sensor

## PCTSTestr™ 50 Multiparameter Pocket Tester

- Measures pH, conductivity, TDS, and salinity

- Long-life pH electrode and stainless steel pin-style conductivity sensor provide compatibility with a wide range of samples

- 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, lanyard, and batteries.

ISO 9001:2008 CERTIFIED SUPPLIER  CE  IP 67

| Model | | CTSTestr 50P (pin-style sensor) | CTSTestr 50C (cup-style sensor) | PCTSTestr 50 |
|---|---|---|---|---|
| **Catalog number** | | **WD-35634-55** | **WD-35634-65** | **WD-35634-35** |
| Range | pH | — | — | −1.00 to 15.0 |
| | Conductivity | 0.0 to 200.0 µS, 200 to 2000 µS; 2.00 to 20.00 mS | | |
| | TDS | 0.0 to 100.0 ppm, 100 to 1000 ppm; 0.10 to 10.00 ppt (TDS factor 0.5) | | |
| | Salinity | 0.00 to 10.00 ppt | | |
| | Temperature | 32 to 140°F (0 to 60°C) | | |
| Resolution | pH | — | — | 0.01 |
| | Conductivity | 0.1 µS, 1 µS; 0.01 mS | | |
| | TDS | 0.1 ppm, 1 ppm; 0.01 ppt | | |
| | Salinity | 0.10 ppt | | |
| | Temperature | 0.1°C / 0.1°F | | |
| Accuracy | pH | — | — | ±0.01 |
| | Conductivity | ±1% full-scale | | |
| | TDS | ±1% full-scale | | |
| | Salinity | ±1% full-scale | | |
| | Temperature | ±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) | | |
| pH buffer recognition | | — | — | USA 4.01, 7.00, 10.01; NIST 4.01, 6.86, 9.18 |
| Calibration | | Up to 3 points (pH, conductivity and TDS); 1 point (salinity) | | |
| TDS factor | | 0.40 to 1.00 (selectable) | | |
| Temperature compensation | | Automatic | | |
| Power | | Four AAA 1.5 V batteries (included) | | |