

# Water Quality Meters

## Oakton® 50 Series pH Pocket Testers

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.

### FEATURES

- Long lasting double-junction pH electrode sensor.
- Easy-to-replace sensor module lets you reuse the tester body.
- Intuitive interface has self-diagnostic error messages.
- 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.
- Uses common AAA batteries, and auto shutoff extends battery life.

### APPLICATIONS

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



pHTestr® 50

ORPTestr® 50

#### 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

#### 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



CTSTestr™ 50C

PCTSTestr™ 50

#### CTSTestr™ 50C Pocket Tester

- 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

#### 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

**CALL GEOTECH TODAY (800) 833-7958**

**Geotech Environmental Equipment, Inc.**

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# Water Quality Meters

## Oakton® 50 Series pH Pocket Testers

### 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

### SPECIFICATIONS

Model	pHTestr 50	ORPTestr 50	CTSTestr 50C	PCTSTestr 50
Range	-1.00 to 15.0 pH	-1000 to 1000 mV	Conductivity: 0.0 to 200.0 $\mu$ S, 200 to 2000 $\mu$ S; 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	pH: -1.00 to 15.0 Conductivity: 0.0 to 200.0 $\mu$ S, 200 to 2000 $\mu$ S; 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
Resolution	0.01 pH	$\pm$ 1 mV	Conductivity: 0.1 $\mu$ S, 1 $\mu$ S; 0.01 mS TDS: 0.1 ppm, 1 ppm; 0.01 ppt Salinity: 0.10 ppt	pH: 0.01 Conductivity: 0.1 $\mu$ S, 1 $\mu$ S; 0.01 mS TDS: 0.1 ppm, 1 ppm; 0.01 ppt Salinity: 0.10 ppt
Accuracy	$\pm$ 0.01 pH	$\pm$ 2 mV	Conductivity $\pm$ 1% full-scale TDS: $\pm$ 1% full-scale Salinity: $\pm$ 1% full-scale	pH: $\pm$ 0.01 Conductivity: $\pm$ 1% full-scale TDS: $\pm$ 1% full-scale Salinity: $\pm$ 1% full-scale
Temperature Compensation	Automatic, 32 to 140°F (0 to 60°C)	Manual	Automatic	Automatic, 32 to 140°F (0 to 60°C)
Calibration	Up to 3 points	1 point, offset $\pm$ 200 mV	Up to 3 points (pH, conductivity and TDS); 1 point (salinity)	Up to 3 points (pH, conductivity and TDS)
Buffer Recognition	USA 4.01, 7.00, 10.01; NIST 4.01, 6.86, 9.18	—	—	USA 4.01, 7.00, 10.01; 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°C/0.1°F	0.1°F/°C
Temperature Accuracy	$\pm$ 0.9°F (0.5°C) + 1 LSD from 32 to 122°F (0 to 50°C); $\pm$ 1.8°F (1.0°C) + 1 LSD from 122 to 140°F (50 to 60°C)	—	$\pm$ 0.9°F (0.5°C) from 32 to 122°F (0 to 50°C); $\pm$ 1.8°F (1.0°C) from 122 to 140°F (50 to 60°C)	$\pm$ 0.9°F (0.5°C) from 32 to 122°F (0 to 50°C); $\pm$ 1.8°F (1.0°C) from 122 to 140°F (50 to 60°C)
TDS Factor	—	—	0.40 to 1.00 (selectable)	—
Power	Four AAA 1.5V batteries (included)	Four AAA 1.5V batteries (included)	Four AAA 1.5V batteries (included)	Four AAA 1.5V batteries (included)

Includes: protective plastic storage case, lanyard, and batteries.

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