

...setting the standard again and again®

Oakton® Waterproof Pocket Tester Product Family

Reliable pocket testers for every application and budget

Measuring water quality can be challenging. You need the right instrument for your application, so you can get the most out of your tester. Oakton pocket testers measure up to the challenges with consistent reliability and many useful features and benefits. So, whether you are in the lab or out in the field put an Oakton tester in your pocket and experience the ease of water testing over and over again.



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Oakton® EcoTestr™ Pocket Testers

Economical and easy to use

- Larger display with a better viewing angle
- Expanded 4-digit dual-line display shows temperature readings simultaneously
- Automatic temperature compensation ensures accurate reading
- Double-pin high sensitivity probe provides accurate measurements
- Additional ergonomic key provides an easier, more intuitive interface
- Leakproof cap functions as a sample cup and as a stabilizing base to stand tester upright
- IP67-rated housing is dustproof, waterproof—and floats
- Battery level indicator flashes when battery is low
- Batteries included



CE IP67 Except 35423-01, 35462-11

Model		CTS	EC1	TDS1	Salt1
Catalog number		WD-35462-11	WD-35634-06	WD-35634-08	WD-35634-12
Range	Conductivity	0.00 to 20.00 mS/cm	0 to 200 µS/cm, 0 to 2000 µS/cm, 0 to 20 mS/cm	—	—
	TDS	0.00 to 20.00 ppt (with TDS factor 1.0)	—	0 to 100 ppm, 0 to 1000 ppm, 0 to 10 ppt	—
	Salinity	0.0 to 10.0 ppt	—	—	0 to 10 ppt (mg/L)
	Temperature	32.0 to 122.0°F (0.0 to 50.0°C)	32 to 122°F (0 to 50°C)	32 to 122°F (0 to 50°C)	32 to 122°F (0 to 50°C)
Resolution	Conductivity	10 µS, 0.1 mS	0.1 µS, 1 µS, 0.01 mS	—	—
	TDS	10 ppm, 0.1 ppt	—	0.1 ppm, 1 ppm, 0.01 ppt	—
	Salinity	0.1 ppt	—	—	0.01 ppt
	Temperature	0.1°F (0.1°C)	0.1°F/°C	0.1°F/°C	0.1°F/°C
Accuracy	Conductivity	±2% full-scale ±1 LSD	±1% full-scale ±1 digit	—	—
	TDS	±2% full-scale ±1 LSD	—	±1% full-scale	—
	Salinity	±2% full-scale ±1 LSD	—	—	±1% full-scale
	Temperature	±0.9°F (0.5°C) + 1 LSD	±0.9°F (0.5°C)	±0.9°F (0.5°C)	±0.9°F (0.5°C)
Temperature compensation		Automatic	Automatic, 32 to 122°F (0 to 50°C)		
Calibration		1 point	1 or 2 points		1 point
Power		Four A76 1.5 V miniature alkaline batteries (included)	Four AAA batteries (included), 400 hours of continuous use		

Model		pH1	pH2+
Catalog number		WD-35634-05	WD-35423-01
Range	pH	0.0 to 14.0 pH	
	Temperature	32.0 to 122.0°F (0.0 to 50.0°C)	
Resolution	pH	0.1 pH	
	Temperature	0.1 F (0.1°C)	
Accuracy	pH	±0.1 pH	
	Temperature	±0.9°F (0.5°C) + 1 LSD	
Temperature compensation		Automatic	
Calibration		Up to 3 points	
Buffer recognition		USA, NIST	
Power		Four AAA batteries (included), 400 hours continuous use	Four A76 1.5 V miniature alkaline batteries (included)

Oakton® Testr™ 5 Series Classic Pocket Testers

Save money by replacing only the sensor, not the tester

- Single-junction sensor is replaceable—use tester over and over again
- Unique colored backlights indicate operating mode
- Intuitive interface has stable reading icon, battery-life status, and self-diagnostic error messages
- IP67-rated housing is dustproof, waterproof—and floats
- Leakproof cap with fill line functions as a sample, calibration, and hydrating cup

pHTestr® 5 and ORPTestr® 5 Pocket Testers

- Get consistent reliability with ± 0.01 pH accuracy
- Choose model with flat probe (pH5F) for surface or micro-volume testing, or spear tip (pH5S) for testing semisolid and solid materials

CTSTestr™ 5 Pocket Tester

- Measures conductivity, TDS, salinity, and temperature
- Selectable TDS factor adds versatility

PCTSTestr™ 5 Pocket Tester

- Five measuring parameters handle all your water quality needs—pH, conductivity, TDS, salinity, and temperature



Model		pH5	pH5F (flat surface)	pH5S (spear tip)	ORP5	CTS5	PCTS5
Catalog number		WD-35634-16	WD-35634-46	WD-35634-52	WD-35634-54	WD-35634-42	WD-35634-60
Range	pH	–2.00 to 16.00 pH			—	—	–2.00 to 16.00 pH
	ORP	±1000 mV*			±1000 mV	—	—
	Conductivity	—	—	—	—	0.1 to 200.0 μS/cm, 0 to 2000 μS/cm, 0.00 to 20.00 mS/cm	0.1 to 200.0 μS/cm, 0 to 2000 μS/cm, 0.00 to 20.00 mS/cm
	TDS	—	—	—	—	0.0 to 100.0 ppm, 0 to 1000 ppm, 0.00 to 10.00 ppt	0.0 to 100.0 ppm, 0 to 1000 ppm, 0.00 to 10.00 ppt
	Salinity	—	—	—	—	0.00 to 10.00 ppt	0.00 to 10.00 ppt
	Temperature	32 to 122°F (0 to 50°C)			32 to 122°F (0 to 50°C)	32 to 122°F (0 to 50°C)	32 to 122°F (0 to 50°C)
Resolution	pH	0.01 pH			—	—	0.01 pH
	ORP	1 mV			1 mV	—	—
	Conductivity	—	—	—	—	0.1 μS/cm, 1 μS/cm, 0.01 mS/cm	0.1 μS/cm, 1 μS/cm, 0.01 mS/cm
	TDS	—	—	—	—	0.1 ppm, 1 ppm, 0.01 ppt	0.1 ppm, 1 ppm, 0.01 ppt
	Salinity	—	—	—	—	0.01 ppt	0.01 ppt
	Temperature	0.1°F/°C			0.1°F/°C	0.1°F/°C	0.1°F/°C
Accuracy	pH	±0.01 pH ±1 digit			—	—	±0.01 pH ±1 digit
	ORP	±0.2% full-scale			±0.2% full-scale	—	—
	Conductivity	—	—	—	—	±1% full-scale	±1% full-scale
	TDS	—	—	—	—	±1% full-scale	±1% full-scale
	Salinity	—	—	—	—	±1% full-scale	±1% full-scale
	Temperature	±0.9°F (0.5°C)			±0.9°F (0.5°C)	±0.9°F (0.5°C)	±0.9°F (0.5°C)
Temperature compensation		Automatic, 32 to 122°F (0 to 50°C)			—	Automatic, 32 to 122°F (0 to 50°C)	Automatic, 32 to 122°F (0 to 50°C)
Calibration		1 to 3 points			1 point	1 to 3 points	1 to 3 points
Alarms		High and low			High and low	—	—
Power		Four AAA batteries (included), 400 hours continuous use					

*mV (ORP) measurement only possible with pH testers using an optional ORP probe 35634-58; order separately online.

Oakton Testr™ 50 Series Premium Pocket Testers

Double-junction pH electrode sensor is dependable and long lasting

- Ideal for use with sulfides, heavy metals, organics, Tris buffer, or protein solids
- Use tester body over and over again with easy-to-replace sensor
- Be confident with indicators for stable reading, calibration, and battery status
- Simple to calibrate with automatic standard recognition—USA and NIST
- Valox® body resists most chemicals and is rugged, dustproof, waterproof, and IP67 rated
- Cap functions as a sample cup, hydrating cup, and stabilizing base to stand tester upright

pHTestr® 50 and ORPTestr® 50 Pocket Testers

- Automatic temperature compensation (pH 50) ensures accurate readings
- Spear tip (pH 50S) penetrates soft materials and semisolids—slim enough to fit in a microtube

CTSTestr™ 50 Pocket Testers

- Measures conductivity, TDS, salinity, and temperature

PCTSTestr™ 50 Pocket Tester

- Measures pH, conductivity, TDS, salinity, and temperature



ISO9001:2008
CERTIFIED SUPPLIER



Model		pH 50	pH 50S (spear tip)	ORP 50	CTS 50P (pin style)	CTS 50C (cup style)	PCTS 50
Catalog number		WD-35634-15	WD-35634-25	WD-35634-45	WD-35634-55	WD-35634-65	WD-35634-35
Range	pH	-1.00 to 15.00 pH		—	—		-1.00 to 15.00 pH
	ORP	—		±1000 mV	—		—
	Conductivity	—		—	0.0 to 200.0 µS/cm, 200 to 2000 µS/cm, 2.00 to 20.00 mS/cm		0.0 to 200.0 µS/cm, 200 to 2000 µS/cm, 2.00 to 20.00 mS/cm
	TDS	—		—	0.0 to 100.0 ppm, 0 to 1000 ppm, 0.00 to 10.00 ppt		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		0.00 to 10.00 ppt
Temperature		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)
Resolution	pH	0.01 pH		—	—		0.01 pH
	ORP	—		1 mV	—		—
	Conductivity	—		—	0.1 µS/cm, 1 µS/cm, 0.01 mS/cm		0.1 µS/cm, 1 µS/cm, 0.01 mS/cm
	TDS	—		—	0.1 ppm, 1 ppm, 0.01 ppt		0.1 ppm, 1 ppm, 0.01 ppt
	Salinity	—		—	0.10 ppt		0.10 ppt
Temperature		0.1°F/°C		0.1°F/°C	0.1°F/°C		0.1°F/°C
Accuracy	pH	±0.01 pH		—	—		±0.01 pH
	ORP	—		±2 mV ±1 LSD	—		—
	Conductivity	—		—	±1% full-scale		±1% full-scale
	TDS	—		—	±1% full-scale		±1% full-scale
	Salinity	—		—	±1% full-scale		±1% full-scale
Temperature		±0.9°F (0.5°C) from 0 to 50°C	—	—	±0.9°F (0.5°C) from 0 to 50°C		±0.9°F (0.5°C) from 0 to 50°C
Temperature compensation		Automatic	Manual	Manual	Automatic		Automatic
Calibration		1 to 3 points		1 point	1 to 3 points		1 to 3 points
Power		Four AAA batteries (included), >250 hours operation					