

OAKTON[®]

Microprocessor-based, waterproof TDSTestr[™] and ECTestr[™]

These **waterproof and dustproof** testers offer **±1% full scale accuracy** and **push-button calibration!**

Waterproof, dustproof housing

Meets IP67 ratings for highest possible dustproof and waterproof protection. Plus, there's no need to worry if you drop your tester into water—it floats!

Replaceable electrode

you can use the same meter body over and over again, which saves you money

Push-button calibration

calibrate your tester more precisely than trimpot adjustment; no screwdrivers necessary

HOLD function

freezes reading until you can log it

Auto shut-off

turns off tester after 8.5 minutes of nonuse; saves your batteries

Four models available

TDSTestr low: 0 to 1990 ppm
(10 ppm resolution)

TDSTestr high: 0 to 10.00 ppt
(0.10 ppt resolution)

ECTestr low: 0 to 1990 μ S
(10 μ S resolution)

ECTestr high: 0 to 19.90 mS
(0.10 mS resolution)

Full reading displayed

no need to multiply the readout to obtain actual test values

Automatic temperature compensation (ATC)

gives you accurate readings even in fluctuating temperatures

Calibration kits available

Featuring everything you need for calibration, measurement and storage of your waterproof TDSTestr

Clockwise from near right:

TDSTestr low shown actual size

Calibration kit includes everything you need for fast, accurate calibration

Calibration button tucked away in battery compartment to avoid accidental recalibration

Replaceable electrodes extend tester life

Testr carrying case stores, transports and protects your tester in the field

Choose from four models for conductivity or TDS measurements



Now OAKTON waterproof TDSTestr and ECTestr are available with ±1% FS accuracy and advanced microprocessor functions! Push-button calibration allows for more precise calibration than trimpot adjustment. The calibration button is safely isolated in the battery compartment to avoid accidental recalibration.

In addition, these rugged pocket-sized testers are completely waterproof and dustproof. And they float—so there's no need to worry if you accidentally drop your instrument into a tank or pond. Replaceable electrode sensor allows you to reuse the meter body many times without losing waterproof protection. Thermoplastic body and stainless steel electrodes offer good chemical compatibility and durability.

All TDSTestr are supported by a full selection of OAKTON calibration solutions and accessories. See the back of this sheet for ordering information and complete specifications.

OAKTON ...setting the standard, again and again[™]

Calibration solutions are available in economical bottles or convenient single-use pouches (shown below).



Screw cap battery compartment with tight seal ensures waterproof and dustproof protection, protects calibration buttons from accidental recalibration.



Lanyard loop on top of battery cap lets you attach a cord to prevent tester loss.



Waterproof tester belt-loop carrying case holds one waterproof tester; features pocket for holding solution pouches



Deluxe TDSTestr kit includes TDS "Singles" and all the tools you need for fast calibration and measurement.



Bulletin CON A4 R0

Waterproof TDS Testers & EC Testers high & low

• Applications •

TDSTestr low: Use for measuring TDS in natural water. Verify reverse osmosis system operation and tap water quality. Check nutrient solution concentration in hydroponics applications.

TDSTestr high: Use for measuring TDS in salt water, waste water, cooling tower water, and boiler condensate. Check nutrient solution concentration in hydroponics applications. Measure salinity for ponds and recirculating systems. Check saline and chemical levels in pools and spas.

ECTestr low: Use for measuring conductivity (μS) in natural water. Verify reverse osmosis system operation and tap water quality. Check nutrient solution concentration in hydroponics applications.

ECTestr high: Use for measuring conductivity (μS) in salt water, waste water, cooling tower water, and boiler condensate. Check nutrient solution concentration in hydroponics applications. Measure salinity for ponds and recirculating systems. Check saline and chemical levels in pools and spas.

• Specifications •

Model	waterproof TDSTestr low	waterproof TDSTestr high	waterproof ECTestr low	waterproof ECTestr high
Range	0 to 1990 ppm	0 to 10.00 ppt	0 to 1990 μS	0 to 19.90 mS
Resolution	10 ppm	0.10 ppt	10 μS	0.10 mS
Accuracy	$\pm 1\%$ full-scale			
Calibration	One point push-button calibration (using keys inside battery compartment)			
Calibration standard range	300 to 1990 ppm	3 to 10.00 ppt	300 to 1990 μS	3 to 19.90 mS
Operating temp.	0 to 50°C; 32 to 122°F			
Temperature compensation	Automatic (ATC), 0 to 50°C, 32 to 122°F			
ATC coefficient	Beta=2% per °C, 1.11% per °F, 25°C reference temperature			
Power and battery life	Four 1.5 V alkaline batteries Eveready A76BP (supplied) 100 hrs. continuous use (approx. 600 tests per battery pack). Alternate replacement model Eveready 303 silver oxide, 140 hrs. continuous use.			
Dimensions	Unit only: 6½" L x 1½" dia. (165 x 38 mm); Boxed: 8½" x 2½" x 2½" (216 x 61 x 64 mm)			
Weight	Unit only: 3.25 oz (90 g); Boxed: 4.5 oz (125 g)			
Wetted materials	316 Stainless Steel (electrodes) and glass filled thermoplastic polyester			

• Ordering Information •

All TDSTesters include batteries and operating instructions.

WD-35661-11 Waterproof TDSTestr low 0 to 1990 ppm

WD-35661-21 Waterproof TDSTestr high 0 to 10.00 ppt

WD-35661-31 Waterproof ECTestr low 0 to 1990 μS

WD-35661-41 Waterproof ECTestr high 0 to 19.90 mS

Accessories

WD-35661-17 Replacement electrode sensor, for all TDSTesters and ECTesters listed above

WD-35624-45 Waterproof tester belt loop vinyl carrying case—holds one waterproof tester. Features separate pocket to hold calibration solution pouches. Shpg wt 0.5 lbs (227 g)

WD-09377-16 Replacement batteries, 1.5 V, 6/pack

WD-35661-70 Deluxe TDSTestr kit. Includes 2 each calibration pouches 447 μS , 1413 μS , 2764 μS , 15,000 μS , and rinse water; sample jar; miniature screwdriver; foam-lined plastic carrying case; and instructions. Order TDSTestr separately. Shpg wt 0.7 lb (300 g)

Calibration solutions

Catalog Number	Calibration solution type	Conductivity-to-TDS conversion factors		
		ppm KCl	ppm NaCl	ppm 442
WD-35653-10	447 μS	225.6	215.5	300.0
WD-35653-11	1413 μS	744.7	702.1	1000
WD-35653-12	2764 μS	1382	1414.8	2062.7
WD-35653-13	15,000 μS	8759	8532	13,455
Calibration solution bottles. 1 pint of premixed calibration solution in recyclable-PE bottle. Accuracy $\pm 1\%$ at 25°C. Shpg wt 1.1 lbs (510 g).				
WD-00653-16	84 μS	40.38	38.04	50.50
WD-00653-47	447 μS	225.6	215.5	300.0
WD-00653-18	1413 μS	744.7	702.1	1000
WD-00653-15	1500 μS	757.1	737.1	1050
WD-00653-27	2070 μS	1045	1041	1500
WD-00653-20	2764 μS	1382	1414.8	2062.7
WD-00653-89	8974 μS	5101	4487	7608
WD-00606-10	12,880 μS	7447	7230	11,367
WD-00653-50	15,000 μS	8759	8532	13,455

For our standard waterproof TDSTesters, request bulletin CON A3. For our + Series waterproof TDSTesters and ECTesters, request bulletin CON A5.

• ORDER FROM •