

TDSTestr® 11 Series

One meter can measure total dissolved solids from pure water to concentrated solutions

Large, easy-to-read display – Two-line display—units, measurement status, and battery life indicators

Replaceable electrodes – Reuse the meter body to save money

Temperature readout – Simultaneous display in °C or °F

Full reading displayed – No need to multiply the readout to obtain actual test values

Adjustable TDS factor – 0.4 to 1.0 gives better accuracy

Push-button calibration – Calibrate your tester more precisely than trimpot adjustment; no screwdrivers necessary

Hold function; Auto shutoff

Waterproof, dustproof housing – Meets IP67 ratings—plus, it floats!

Automatic temperature compensation (ATC) – Gives you accurate measurements even with fluctuating temperatures

TDSTestr 11+ features – Operate as either cup-style or dip-style tester for greater flexibility



Calibration buttons tucked away in battery compartment to avoid accidental recalibration.

Applications

TDSTestr 11

Low range: Measure TDS in natural water. Verify reverse osmosis systems and tap water quality. Check nutrient solution concentration for hydroponics.

High range: For measuring TDS in salt water, wastewater, 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.

TDSTestr 11+

Ultra-low range: ideal for measuring TDS or conductivity (µS) in distilled water, natural water, drinking water and reverse osmosis systems.

Low range: Use for measuring TDS or conductivity (µS) in natural water. Verify reverse osmosis system operation and tapwater quality. Check nutrient solution concentration in hydroponics applications.

High range: Use for measuring TDS or conductivity (mS) in salt water, wastewater, cooling tower water, and boiler condensate. Check nutrient solution concentration in hydroponics applications. Measure salinity in ponds and recirculating systems. Check saline and chemical levels in pools and spas.

Specifications

| Model | TDSTestr 11 dual-range | TDSTestr 11+ multirange |
|-----------------------------------|---------------------------------|--|
| Range | 0 to 2000 ppm; 0 to 10.00 ppt | 0 to 200 ppm, 0 to 2000 ppm; 0 to 10.00 ppt |
| Resolution | 1 ppm; 0.01 ppt | 0.1 ppm, 1 ppm; 0.01 ppt |
| Accuracy | ±1% full-scale | ±1% full-scale |
| Calibration standard range | 300 to 1990 ppm; 3 to 10.00 ppt | 20.0 to 199.9 ppm, 200 to 1999 ppm; 2.0 to 10.00 ppt |
| Calibration | 3-point, manual | 2-point, manual |

Temperature display: 0 to 50°C (32 to 122°F), 0.1°C resolution, ±0.5°C accuracy

Operating temperature: 0 to 50°C (32 to 122°F)

Temperature compensation: automatic (ATC) from 0 to 50°C (32 to 122°F)

ATC coefficient: 2% per °C, 1.11% per °F, 25°C reference temperature

Wetted materials: 316 stainless steel (electrodes) and HDPE/Valox® housing

Power and battery life: four 1.5 V alkaline batteries Eveready A76BP (included), 100 hrs continuous use (approx 600 tests per battery pack). Alternate replacement model Eveready 357BP silver oxide, 140 hrs continuous use.

Dimensions

Unit only: 6½" L x 1½" dia (165 x 38 mm)

Boxed: 7¼" x 2¾" x 1½" (184 x 70 x 48 mm)

Weight

Unit only: 3.25 oz (90 g); **Boxed:** 6.0 oz (170 g)

Ordering Information

| Catalog number | Description | Included |
|----------------|-------------------------|---|
| WD-35662-10 | TDSTestr 11 dual-range | Tester, protective plastic storage case, lanyard, and batteries |
| WD-35662-15 | TDSTestr 11+ multirange | |

Accessories

WD-35661-17 Replacement electrode for TDSTestr 11

WD-35661-08 Replacement electrode for TDSTestr 11+

WD-35624-45 Vinyl carrying case with belt loop; holds one tester and solution pouches

WD-09377-16 Replacement batteries, 1.5 V. Pack of 6

WD-35661-70 Deluxe calibration kit includes two each calibration pouches (447 µS, 1413 µS, 2764 µS, 15,000 µS, and rinse water), sample jar, and foam-lined hard plastic carrying case. (Tester not included)

