



Conductivity Meter CON 510

- Dual display shows both conductivity or TDS and temperature in °C or °F
- Single point and multi-point automatic or manual calibration
- Auto ranging across five ranges
- Advanced set up mode
- Built-in non-volatile memory
- Automatic or manual temperature compensation
- Selectable cell constant
- Adjustable conductivity-to-TDS conversion factor and temperature coefficient
- Selectable normalization temperature
- Built-in electrode holder arm; selectable "Ready" indicator; Hold function; diagnostic error messages
- Includes conductivity cell



Specifications

	CON 510 Meter
Range(Resolution)	
Conductivity	0.00 to 19.99 μ S (0.01 μ S); 0.0 to 199.9 μ S (0.1 μ S); 0 to 1999 μ S(1 μ S); 0.00 to 19.99 mS (0.01 mS); 0.0 to 199.9 mS
TDS	0.0 to 199.0 mS (0.1 mS) 0.00 to 9.99 ppm (0.01 ppm); 10.0 to 99.9 ppm (0.1 ppm); 100 to 999 ppm (1 ppm); 1.00 to 9.99 ppt (0.01 ppt); 10.0 to 99.9 ppt (0.1 ppt); 100 to 200 ppt (1 ppt)
Temperature	0.0 to 100.0°C (0.1°C); 32.0 to 212.0°F (0.1°F)
Accuracy	
Conductivity / TDS	±1% full scale or ±1 digit
Temperature	±0.5°C, ±0.9°F
Calibration	
Conductivity / TDS	Automatic: single or multi-point up to 4 points (84 μ S, 1414 μ S, 12.88mS, 111.8mS) Manual: single or multi-point up to 5 points (user selectable point per range for multi-point calibration)
Temperature	Offset 0.1° increments up to ±5°
Temperature Compensation	Automatic or manual(selectable) from 0 to 80°C
Operating Temperature	0 to 50°C (32 to 122°F)
Cell constant (K)	0.1, 1.0 or 10 selectable
Temperature coefficient	adjustable from 0 to 10% per °C or °F
Conductivity-to-TDS factor	adjustable from 0.40 to 1.00
Normalization temperature	adjustable from 15°C to 30°C
Display	Dual display of conductivity, or TDS w/ temp.(°C or °F)
Error messages	Diagnose operator error, electrode error, and meter error. Pull-out instruction card decode messages
Memory	Up to 50 sets
Power	9 VDC, 500mA; using AC adapter(included); 110VAC, 60Hz or 220VAC, 50Hz. AC adapter is CSA and UL listed.
Dimension	Meter: 9" x 7" x 2.375" (23 x 18 x 6 cm) Boxed: 15.5" x 10" x 3.5" (39 x 25 x 9 cm)
Weight	Meter only 1.25 lbs (0.6kg); Boxed 3 lbs (1.4kg)

Ordering Information

ITEM	DESCRIPTION
WD-35611-00	CON 510 meter, 110 VAC/220VAC
WD-35608-50	Replacement conductivity cell, Ultem body, stainless steel sensor, built-in temp. sensor (K=10)
WD-35608-51	Conductivity cell, epoxy body, platinum sensor, built-in temp. sensor (K=10)
WD-35608-52	Conductivity cell, glass body, platinum sensor,built-in temp. sensor (K=10)
WD-35608-55	Conductivity cell, epoxy body, platinum sensor, built-in temp. sensor (K=0.1)
WD-35608-57	Conductivity cell, Ultem body, stainless steel sensor built-in temp. sensor

Includes a conductivity cell with an Ultem body/stainless steel sensor and K=1.0 (WD-35608-50), AC adapter, and instructions.

