

Eutech Elite CTS Pocket Tester with pin/cup sensors

Conductivity, TDS, salinity, and temperature

The Eutech Elite CTS Pocket Tester simultaneously displays conductivity, total dissolved solids (TDS) or salinity with temperature. These measurements are ideal in applications such as environmental, agriculture, aquaculture and aquariums, hydroponics, pools and spas, education, and industrial (cooling towers). Applications in these industries may require a constant measurement of salinity and TDS. Select the cup sensor to read samples using a fillable tester or the pin sensor to read samples using a direct-insert tester.

Specifications		
Conductivity	Range	0.00 to 20.00 mS/cm
	Resolution	0.1 μ S/cm: 0.0 to 200.0 μ S/cm, 1 μ S/cm: 200 to 2000 μ S/cm, 0.01 mS/cm: 2.00 to 20.00 mS/cm
	Relative accuracy	$\pm 1\%$ of full scale
	Normalization temperature	25.0°C
	Temperature coefficient	0.0 to 10.00%
	Calibration points	Up to 3 points
TDS	Range	0.00 to 10.00 ppt (depending on TDS factor)
	Resolution	0.1 ppm: 0.0 to 100.0 ppm, 1 ppm: 100 to 1000 ppm, 0.01 ppt: 0.10 to 10.00 ppt
	Relative accuracy	$\pm 1\%$ full scale
	Calibration points	Up to 3 points
	TDS factor	0.40 to 1.00
Salinity	Range	0.00 to 10.00 ppt
	Resolution	0.10 ppt
	Relative accuracy	$\pm 1\%$ of full scale
	Calibration point	One
Temperature	Range	0 to 60.0°C, 32.0 to 140.0°F
	Resolution	0.1°C, 0.1°F
	Accuracy	$\pm 0.6^\circ\text{C}$, $\pm 1.0^\circ\text{F}$: 0.0 to 50.0°C, $\pm 1.1^\circ\text{C}$, $\pm 1.9^\circ\text{F}$: 50.1 to 60.0°C
	Compensation	Yes (ATC)
	Calibration window	$\pm 5.0^\circ\text{C}$, $\pm 9.0^\circ\text{F}$
Accessories	Replacement CTS sensor, soft carry case, lanyard, clear sample/storage cap, AAA batteries	

For General and Environmental specifications, please see table on page 9.



Eutech Elite CTS
Pocket Tester
with pin sensor

Eutech Elite CTS
Pocket Tester
with cup sensor

Ordering Information	
Product Description	Cat. No.
Pocket Tester	
Eutech Elite Conductivity, TDS, Salinity Pocket Tester with pin sensor	ELITECTSPIN
Replacement CTS pin sensor	01X001526
Eutech Elite Conductivity, TDS, Salinity Pocket Tester with cup sensor kit	ELITECTSCUP
Replacement CTS cup sensor	01X001528
Conductivity standard solutions and sachets	
84 µS/cm KCl conductivity standard, 480 ml	ECCON84BT
1413 µS/cm KCl conductivity standard, 480 ml	ECCON1413BT
12.88 mS/cm KCl conductivity standard, 480 ml	ECCON1288BT
1413 µS/cm KCl conductivity standard, 20 x 20 ml sachets	ECCON1413BT
TDS 442 standard solutions	
300 ppm 442 TDS standard, 480 ml	EC442300BT
1000 ppm 442 TDS standard, 480 ml	EC4421000BT
3000 ppm 442 TDS standard, 480 ml	EC4423000BT
Salinity (NaCl) standard solution	
5 ppt NaCl salinity standard, 480 ml	ECNACL 5PPT