

Eutech Elite PCTS Pocket Tester

pH, conductivity, TDS, salinity, and temperature

The Eutech Elite PCTS Pocket Tester simultaneously displays pH, conductivity, TDS or salinity with temperature. This offers a suitable method to measuring multiple parameters with just one instrument. This tester can be used with the following applications: hydroponics, food and beverage, environmental, drinking water, wastewater, agriculture, aquaculture and aquariums, pools and spas, education, and industrial (cooling towers).

Specifications

pH	Range	-1.00 to 15.00 pH
	Resolution	0.01 pH
	Relative accuracy	±0.02 pH
	Calibration points	Up to 3 points
	Buffer set standard selection	USA - 4.01, 7.00, 10.01 NIST - 4.01, 6.86, 9.18
	Calibration window	±1.00 pH
	Calibration type	Point to point
Conductivity	Range	0.00 to 20.00 mS/cm
	Resolution	0.1 µS/cm: 0.0 to 200.0 µS/cm, 1 µS/cm: 200 to 2000 µS/cm, 0.01 mS/cm: 2.00 to 20.00 mS/cm
	Relative accuracy	±1% full scale
	Normalization temp.	25.0°C
	Temp. 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	±1% full scale
	Calibration points	Up to 3 points
	TDS factor	0.40 to 1.00 (selectable)
Salinity	Range	0.00 to 10.00 ppt
	Resolution	0.10 ppt
	Relative accuracy	±1% 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	±0.6°C, ±1.0°F: 0.0 to 50.0°C, ±1.1°C, ±1.9°F: 50.1 to 60.0°C
	Compensation	Yes (ATC)
	Calibration window	±5.0°C, ±9.0°F
Accessories	Replacement sensor, soft carry case, lanyard, clear sample/storage cap, AAA batteries	

For General and Environmental specifications, please see table on page 11.



Ordering Information

Product Description	Cat. No.
Pocket Tester	
Eutech Elite PCTS Pocket Tester	ELITEPCTS
Eutech Elite PCTS Pocket Tester kit	ELITEPCTSKIT
Replacement PCTS sensor	01X001530
pH buffer, storage and cleaning solutions	
pH 4, 7, 10 buffers and rinse solution sachet set, 5 x 20 ml each	ECBU4710R
Storage solution for pH sensor, 480 ml	ECRE005
Protein remover solution, 480 ml	ECDPCBT
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 solutions	
5 ppt NaCl salinity standard, 480 ml	ECNACL5PPT