Thermo Scientific Eutech Elite Series Pocket Testers

- 1-push calibration • Large 4-digit double line display • Backlit graphic display • Auto-hold readings
- IP67 waterproof rating • Easy-to-operate, intuitive keypad • Transparent wide-base cap with fill line
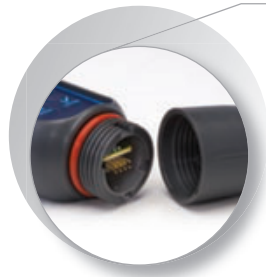- 1 year warranty • AAA battery powered

Lanyard provision for on-the-go measurement

Carry soft-case kit for accessory organization

Includes (4) AAA batteries for operation and easy replacement

Easy-to-replace sensor

Wide, stable base allows the tester to stand independently

Display:
- Large double line LCD display with backlight
- Display closer to surface of tester for a better viewing angle
- Simultaneous display of measurement and temperature

Keypad:
- Easy-to-operate user interface with the addition of the [MENU] key
- 1 push calibration

Cap:
- Leakproof
- Fill-line indicator for measurement
- Wider, stable base to stand the tester upright

Additional Features:
- Bluetooth™ low energy (BTLE) enabled (optional)
- Multi-language instructions available
- Pocket tester floats and meets waterproof IP67 rating

Thermo Scientific Eutech Elite CTS Pocket Tester with Pin/Cup Sensors

Conductivity/TDS/Salinity/Temperature

The Eutech Elite CTS pocket tester simultaneously displays conductivity/TDS/salinity with temperature. These measurements are ideal in applications such as environmental, agriculture, aquaculture & aquariums, hydroponics, pools & spas, education, and industrial (cooling towers). Applications in these industries may require a constant measurement of salinity and total dissolved solids (TDS). The TDS measurement is dependent on the mix of chemical species as well as the concentration while conductivity is only dependent on the concentration of chemical species, measuring the ions carrying an electrical current.

CTS pocket tester with cup sensor

CTS pocket tester with pin sensor

Specifications

Conductivity	Range	0.0 to 200.0 µS 200 to 2000 µS 2.00 to 20.00 mS
	Resolution	0.1 µS / 1 µS / 0.01 mS
	Relative Accuracy	±1 % full scale
	Normalization Temperature	25.0 °C
	Temperature Coefficient	0.0 to 10.00 %
	Calibration Points	Up to 3 points
TDS	Range	0 .0 to 100.0 ppm 100 to 1000 ppm 0.10 to 10.00 ppt (depending on TDS factor)
	Resolution	0.1 ppm / 1 ppm / 0.01 ppt
	Relative Accuracy	±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	±1 % full scale
	Calibration Points	One
Temperature	Range	0 to 60.0 °C / 32.0 to 140.0 °F
	Resolution	0.1 °C / 0.1 °F
	Accuracy	From 0 to 50 °C (±0.5 °C / ±0.9 °F + 1 LSD); From 50 to 60 °C (±1.0 °C / ±1.8 °F + 1 LSD)
	Compensation	Yes (ATC)
	Calibration Window	±5.0 °C / ±9.0 °F
Accessories		Replacement CTS sensor, soft carry case, lanyard, clear sample/storage cap, AAA batteries

Ordering Information

Order Code	Product Description
Pocket Tester	
ELITECTSPIN	Thermo Scientific Eutech Elite conductivity/TDS/salinity pocket tester with pin sensor
ELITECTSCUP	Thermo Scientific Eutech Elite conductivity/TDS/salinity pocket tester with cup sensor
Conductivity Standard Solutions & Sachets	
ECCON84BT	84 µS/cm KCl, 480 mL
ECCON1413BT	1413 µS/cm KCl, 480 mL
ECCON1288BT	12.88 mS/cm KCl, 480 mL
ECCON1413BS	1413 µS/cm KCl, box of 20 x 20 mL sachets
TDS 442 Standard Solutions	
EC442300BT	300 ppm 442, 480 mL
EC4421000BT	1000 ppm 442, 480 mL
EC4423000BT	3000 ppm 442, 480 mL
Salinity (NaCl) Standard Solutions	
ECPS35STD35	Practical salinity standard, 480 mL
ECPS7STD7	4 practical salinity standard, 480 mL