

Thermo Scientific Eutech Expert pH Testers

pH / Temperature

Simultaneously measure pH and temperature with the Thermo Scientific™ Eutech™ Expert pH testers, a pocket sized tester designed to provide accurate measurements on the go for a variety of applications

- Auto-buffer recognition and auto-calibration make on-site calibration quick and easy
- 3-point calibration allows the tester to accurately measure pH across the acid and alkali ranges
- ±0.1 % accuracy

Thermo Scientific Eutech Expert CTS Testers

Conductivity / TDS / Salinity / Temperature

The Thermo Scientific™ Eutech™ Expert CTS tester accurately measures conductivity, TDS, and salinity in one single instrument, making it an ideal solution for many applications.

Specifications :

Models		EXPERTPH	EXPERTCTS
Measuring Parameter		pH / °C / °F	Conductivity / TDS /Salinity / °C / °F
pH	Range	0.0 to 14.0 pH	-
	Resolution	0.1 pH	-
	Relative Accuracy	±0.1 pH	-
Conductivity	Range	-	0.00 to 20.00 mS/cm
	Resolution	-	10 S/cm below 2.00 mS/cm, 0.10 mS/cm above 2.00 mS/cm
	Relative Accuracy	-	±2 % full scale ±1 LSD
	Automatic Calibration Values	-	84 µS/cm, 1413 µS/cm, 12.88 mS/cm
TDS	Range	-	0.00 to 20.00 ppt
	Resolution	-	10 ppm below 2.00 ppt, 0.10 ppt above 2.00 ppt
	Relative Accuracy	-	±2 % full scale ±1 LSD
	TDS Factor	-	0.40 to 1.00 (selectable)
Salinity	Range	-	0.0 to 10.0 ppt
	Resolution	-	0.10 ppt
	Relative Accuracy	-	±2 % of full scale ±1 LSD
No. of Cal Points		1 to 3 points	One calibration point per parameter
Temperature	Range	0 to 50.0 °C 32.0 to 122.0 °F	0 to 50.0 °C; 32.0 to 122.0 °F
	Resolution	0.1 °C / 0.1 °F	0.1 °C / 0.1 °F
	Relative Accuracy	±0.5 °C / ±0.9 °F +1 LSD	±0.5 °C / ±0.9 °F +1 LSD
	Automatic Temp. Compensation	Yes	Yes
General	Power	Includes (4) batteries (A76 or LR44 equivalent)	Includes (4) batteries (A76 or LR44 equivalent)
	Auto Off	8.5 mins after last key press	8.5 mins after last key press
	Operating Temp.	5 to 45 °C	5 to 45 °C
	Ingress Protection	IP67 rating; waterproof	IP67 rating; waterproof
	Dimensions(LxWxH)	17 x 4.5 x 3 cm	17 x 4.5 x 3 cm



- Large 4 digit double line display and wide viewing angle make it easy to read and record measurements
- Battery life, ready, and calibration indicators simplify measurement and pocket tester maintenance

Applications

- Hydroponics • Agriculture
- Aquaculture & Aquariums
- Pools & Spas • Education
- Cooling Towers • Water Treatment
- Environmental Monitoring
- Food & Beverage • Manufacturing
- Printing and more!



Product Code		Description
EXPERTPH	8020 010	Waterproof Expert pH pocket tester with ATC and temp display, 3 point Calibration, ±0.1 pH accuracy
EXPERTCTS	8020 012	Waterproof Expert CTS Conductivity/ TDS/salinity pocket tester with ATC and temperature display (0.00-20.00mS/cm; 0.00 -20.00 ppt; 0.0 -10.0 ppt)