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Thermo Scientific Eutech Expert Series Waterproof Testers

Accurate, on-the-go solutions for water analysis

ThermoFisher SCIENTIFIC

Thermo Scientific Eutech Expert pH & Expert CTS Testers

Main Features

- User friendly • One year warranty • Large 4 digit double line display
- Simultaneous temperature display • Battery life, ready & calibration indicators
- Automatic temperature compensation • Auto pH buffer recognition & calibration



Lanyard provision enables easy transport for on-the-go measurement



Easy battery replacement – No special tools required



Pocket tester floats & meets waterproof IP67 rating



Cap secures to the top of the tester when not in use



Wide, stable base allows the tester to stand independently



Display:

- 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
- Simultaneous display of temperature; user selectable °C or °F

Keypad:

- Easy to operate and intuitive user interface with power, calibration, menu and enter keys
- One push calibration: Immerse sensor in calibration solution and press “Cal”
- Auto pH buffer recognition and calibration

Cap:

- Gasketed o-ring seal on Eutech Expert pH tester prevents leaks during measurement and storage
- Transparent cap with a fill line indicator for measurement and calibration – no beakers or sample cups needed
- New symmetrical cap can face forward or backward

Additional Features:

- Automatic Temperature Compensation for greater accuracy
- Auto off function after 8.5 minutes of non-use to extend battery life
- Multi-language instructions available
- Acrylonitrile Butadiene Styrene (ABS) plastic body is durable and chemically resistant

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, including hydroponic gardening, aquaculture, agriculture, pools, lab work, and other water 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

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

Specifications		
Measuring Parameter		pH / °C / °F
pH	Range	0.0 to 14.0 pH
	Resolution	0.1 pH
	Relative Accuracy	±0.1 pH
No. of Cal Points		1 to 3 points
Temperature	Range	0 to 50.0 °C 32.0 to 122.0 °F
	Resolution	0.1 °C / 0.1 °F
	Relative Accuracy	±0.5 °C / ±0.9 °F +1 LSD
	Automatic Temp. Compensation	Yes
General	Power	Includes (4) batteries (A76 or LR44 equivalent)
	Auto Off	8.5 mins after last key press
	Operating Temp.	5 to 45 °C
	Ingress Protection	IP67 rating; waterproof
	Dimensions (LxWxH)	17 x 4.5 x 3 cm

Ordering Information	
Order Code	**Product Description**
Pocket Tester	
EXPERTPH	Expert pH pocket tester, batteries
pH Buffer Solutions	
ECBU4BT	Colourless pH 4.01, 480 mL
ECBU7BT	Colourless pH 7.00, 480 mL
ECBU10BT	Colourless pH 10.01, 480 mL
ECPHBUFKIT	Colourless pH buffer set, pH 4.01, 7.00, 10.01, 480 mL each
pH Buffer Sachets	
ECBU4BS	pH 4.01 (NIST traceable), box of 20 x 20 mL sachets
ECBU7BS	pH 7.00 (NIST traceable), box of 20 x 20 mL sachets
ECBU10BS	pH 10.01 (NIST traceable), box of 20 x 20 mL sachets
ECRINWT	pH deionized water (NIST traceable), box of 20 x 20 mL sachets
ECBU4710R	pH buffer sachet set, pH 4.01, 7.00, 10.01, deionized water, 5 x 20 mL each
Storage & Cleaning Solutions	
ECRE005	Storage solution for pH sensor, 480 mL
ECDPCBT	Protein remover solution, 480 mL
Accessories	
EXPERTCAP	Replacement clear cap for samples & storage

Find out more at **thermofisher.com/phpockettester**

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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.

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



Specifications		
Measuring Parameter		Conductivity / TDS / Salinity / °C / °F
Conductivity	Range	0.00 to 20.00 mS/cm
	Resolution	10 µS/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		One calibration point per parameter
Temperature	Range	0 to 50.0 °C; 32.0 to 122.0 °F
	Resolution	0.1 °C / 0.1 °F
	Relative Accuracy	±0.5 °C / ±0.9 °F + 1 LSD
	Automatic Temp. Compensation	Yes
General	Power	Includes (4) batteries (A76 or LR44 equivalent)
	Auto Off	8.5 mins after last key press
	Operating Temp.	5 to 45 °C
	Ingress Protection	IP67 rating; waterproof
	Dimensions (LxWxH)	17 x 4.5 x 3 cm

Ordering Information	
Order Code	**Product Description**
Pocket Tester	
EXPERTCTS	Expert CTS pocket tester, batteries
Conductivity Standard Solutions & Sachets	
ECCON100BT	100 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	
ECNACL5PPT	5 ppt NaCl, 480 mL
Accessories	
EXPERTCAP	Replacement clear cap for samples & storage

Find out more at **thermofisher.com/ctspockettester**

Water and Lab Products

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Germany: (49) 6184-90-6321 **India:** (91) 22-4157-8800 **Japan:** (81) 045-453-9175
North America: 1-978-232-6000 Toll Free: 1-800-225-1480 **Singapore:** (65) 6778-6876

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