

thermo scientific



# 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
- $\pm 0.1\%$  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	$\pm 0.1$ 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	$\pm 0.5$ °C / $\pm 0.9$ °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
<b>Pocket Tester</b>	
EXPERTPH	Expert pH pocket tester, batteries
<b>pH Buffer Solutions</b>	
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
<b>pH Buffer Sachets</b>	
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
<b>Storage &amp; Cleaning Solutions</b>	
ECRE005	Storage solution for pH sensor, 480 mL
ECDPCBT	Protein remover solution, 480 mL
<b>Accessories</b>	
EXPERTCAP	Replacement clear cap for samples & storage



# 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
<b>Pocket Tester</b>	
EXPERTCTS	Expert CTS pocket tester, batteries
<b>Conductivity Standard Solutions &amp; Sachets</b>	
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
<b>TDS 442 Standard Solutions</b>	
EC442300BT	300 ppm 442, 480 mL
EC4421000BT	1000 ppm 442, 480 mL
EC4423000BT	3000 ppm 442, 480 mL
<b>Salinity (NaCl) Standard Solutions</b>	
ECNACL5PPT	5 ppt NaCl, 480 mL
<b>Accessories</b>	
EXPERTCAP	Replacement clear cap for samples & storage





# WolfLabs

**Pricing on any accessories shown can be found by keying the part number into the search box on our website.**

The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed to be correct. If there are aspects of the specification that must be guaranteed, please provide these to our sales team so that details can be confirmed.

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