

Accurate, on-the-go solutions for water analysis

Elite series pocket testers

Main features

- Flexible testing option
- Large backlit graphic display
- pH, spear, conductivity and pH/conductivity models
- Uses 4 x AAA alkaline batteries

- Average 150-250 hours of battery life
- Wide leakproof cap serves as stable base
- Replaceable sensors
- One-year warranty for tester



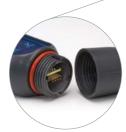
Lanyard included for on-the-go measurements



Soft carry case for organizing accessories



Includes (4) AAA batteries for operation and easy replacement



Easy-to-replace sensors extend tester life and reduce cost



Wide, stable base allows the tester to stand independently



Display:

- Large double-line graphic 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
- One-push calibration

Cap:

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

Additional Features:

- Multi-language instructions available
- Pocket tester floats and meets IP67 waterproof rating

Elite pH pocket tester

pH and temperature

The Thermo Scientific™ Elite pH pocket tester features a simultaneous display of pH and temperature. One of the most common scientific measurements in the world today is pH, which measures the alkalinity and acidity of a liquid. Common industries that measure pH range from drinking water and wastewater treatment, chemical production, aquaculture, agriculture research and production, environmental monitoring, chemical and life sciences research, biochemical and pharmaceutical research, electronics production to food processing and other industrial applications.

Specification	ıs	
	Range	-1.00 to 15.00 pH
рН	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
	Range	0 to 60.0°C, 32.0 to 140.0°F
	Resolution	0.1°C, 0.1°F
Temperature	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 pH sensor, soft carry case, lanyard, clear sample/storage cap, AAA batteries	
	Display	Graphic, dot matrix 80 x 100 pixel
	Backlight	Yes, selectable (30 sec from the last key press)
	Auto shutoff	8.5 min (from last key press)
	Reset	User, factory
General	Hold function	Yes
	Power requirements	4 AAA batteries
	Battery life	250 hours (average)
	Ingress protection	IP67 waterproof
	Regulatory certifications	CE, FCC
Environ- mental operating conditions	Operating temp.	5 to 45°C
	Relative humidity	5 to 85% non-condensing



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Eutech Elite pH

Elite CTS pocket tester with pin/cup sensors

Conductivity, TDS, salinity, and temperature

The Elite CTS pocket tester simultaneously displays conductivity, total dissolved solids (TDS) or salinity with temperature. These measurements are ideal in applications such as environmental, agriculture, aquaculture and aquariums, hydroponics, pools and spas, education, and industrial (cooling towers). Applications in these industries may require a constant measurement of salinity and TDS. Select the cup sensor to read samples using a fillable tester or the pin sensor to read samples using a direct-insert tester.

Specifications	3	
Conductivity	Range	0.00 to 20.00 mS/cm
	Resolution	0.1 μ S/cm: 0.0 to 200.0 μ S/cm, 1 μ S/cm: 200 to 2000 μ S/cm, 0.01 mS/cm: 2.00 to 20.00 mS/cm
	Relative accuracy	±1% of full scale
	Normalization temperature	25.0°C
	Temperature coefficient	0.0 to 10.00%
	Calibration points	Up to 3 points
	Range	0.00 to 10.00 ppt (depending on TDS factor)
TDS	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
	Range	0.00 to 10.00 ppt
O - II - It -	Resolution	0.10 ppt
Salinity	Relative accuracy	±1% of full scale
	Calibration point	One
	Range	0 to 60.0°C, 32.0 to 140.0°F
	Resolution	0.1°C, 0.1°F
Temperature	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 CTS sensor, soft carry case, lanyard, clear sample/storage cap, AAA batteries ironmental specifications, please see table on page 9.	

For General and Environmental specifications, please see table on page 9.



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Eutech Elite CTS

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Eutech Elite CTS

Elite ORP pocket tester

ORP (Oxidation-reduction potential)

The Elite ORP pocket tester features a simultaneous display of the redox measurement with temperature (manual input). Oxidation-Reduction Potential (ORP) or Redox potential measurements are used to monitor chemical reactions, to quantify ion activity, or to determine the oxidizing or reducing properties of a solution. Ideal for applications such as hydroponics, food and beverage, environmental, drinking water, wastewater, agriculture, aquaculture and aquariums, pools and spas, education, and industrial (cooling towers).

Specification	ıs	
ORP	Range	-1000 to 1000 mV
	Resolution	±1 mV
	Relative accuracy	±3 mV
	Calibration point	One
	Calibration window	±200 mV
	Calibration type	Offset
	Range	0 to 60.0°C, 32.0 to 140.0°F
Temperature	Resolution	0.1°C, 0.1°F
remperature	Compensation	Yes, manual input
	Input window	0 to 60.0°C, 32.0 to 140.0°F
Accessories	Replacement sensor, soft carry case, lanyard, clear sample/storage cap, AAA batteries	
	Display	Graphic, dot matrix 80 x 100 pixel
	Backlight	Yes, selectable (30 sec from the last key press)
	Auto shutoff	8.5 min (from last key press)
	Reset	User, factory
General	Hold function	Yes
	Power requirements	4 AAA batteries
	Battery life	>250 hr (pH, ORP, pH spear) >150 hr (CTS, PCTS)
	Ingress protection	IP67 waterproof
	Regulatory certifications	CE, FCC
Environ- mental operating conditions	Operating temp.	5 to 45°C
	Relative humidity	5 to 85% non-condensing



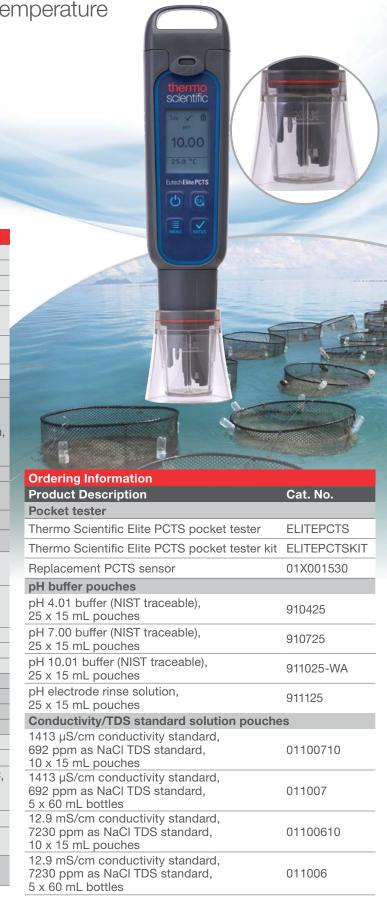
Elite PCTS pocket tester

pH, conductivity, TDS, salinity, and temperature

The 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).

Specification		
	Range	-1.00 to 15.00 pH
	Resolution	0.01 pH
	Relative accuracy	±0.02 pH
-11	Calibration points	Up to 3 points
рН	Buffer set	USA - 4.01, 7.00, 10.01
	standard selection	NIST - 4.01, 6.86, 9.18
	Calibration window	±1.00 pH
	Calibration type	Point to point
	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
Conductivity	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)
	Range	0.00 to 10.00 ppt
Salinity	Resolution	0.10 ppt
Caminey	Relative accuracy	±1% full scale
	Calibration point	One
	Range	0 to 60.0°C, 32.0 to 140.0°F
	Resolution	0.1°C, 0.1°F
Temperature	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.



Elite pH spear pocket tester

The Elite pH Spear pocket tester features a spear tip open pore sensor. This rugged and user-friendly tester is ideal for direct measurement of solid or semi-solid samples such as cheese, meat, fruit, bread and more. Used in applications such as hydroponics, food and beverage, environmental, drinking water, wastewater, agriculture, aquaculture and aquariums, pools and spas, education, and industrial (cooling towers).

Specification	ns	
рН	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
	Range	0 to 60.0°C 32.0 to 140.0°F
Tawan awatuwa	Resolution	0.1 °C, 0.1°F
Temperature	Compensation	Yes, manual input
	Input window	0 to 60.0°C 32.0 to 140.0°F
Accessories	Replacement pH spear sensor, soft carry case, lanyard, clear sample/storage cap, AAA batteries	
	Display	Graphic, dot matrix 80 x 100 pixel
	Backlight	Yes, selectable (30 sec from the last key press)
	Auto shutoff	8.5 min (from last key press)
	Reset	User, factory
General	Hold function	Yes
General	Power requirements	4 AAA batteries
	Battery life	>250 hr (pH, ORP, pH spear) >150 hr (CTS, PCTS)
	Ingress protection	IP67 waterproof
	Regulatory certifications	CE, FCC
Environ- mental operating conditions	Operating temp.	5 to 45°C
	Relative humidity	5 to 85% non-condensing

