

Thermo Scientific 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

Thermo Scientific 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).



Specifications		
pH	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
Temperature	Range	0 to 60.0°C 32.0 to 140.0°F
	Resolution	0.1 °C, 0.1°F
	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	
General	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
	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
Environmental operating conditions	Operating temp.	5 to 45°C
	Relative humidity	5 to 85% non-condensing

Ordering Information

Product Description	Cat. No.
Pocket tester	
Thermo Scientific Elite pH Spear pocket tester	ELITEPHSPEAR
Thermo Scientific Elite pH Spear pocket tester kit	ELITEPHSPEARKIT
Replacement pH spear sensor	01X001538
pH buffer pouches	
pH 4.01 (NIST traceable), box of 25 x 15 mL pouches	910425
pH 7.00 (NIST traceable), box of 25 x 15 mL pouches	910725
pH 10.01 (NIST traceable), box of 25 x 15 mL pouches	911025-WA
pH electrode rinse solution 25 x 15 mL pouches	911125
Storage and cleaning solutions	
Storage solution for pH sensor, 480 mL	910001
General cleaning solution for pH electrodes, 4 x 60 mL	900024



Expert
pH Tester



Expert
CTS Tester
(Pin)



Elite
PCTS
Tester



Elite
pH Tester



Elite CTS
Tester
(Pin)



Elite CTS
Tester
(Cup)



Elite ORP
Tester



Elite
pH Spear
Tester



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