

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 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.



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
	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	
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 hours (average)
	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 pocket tester	ELITEPH
Thermo Scientific Elite pH pocket tester kit	ELITEPHKIT
Replacement pH sensor	01X001535
pH buffer pouches	
pH 4.01 buffer (NIST traceable), 25 x 15 mL pouches	910425
pH 7.00 buffer (NIST traceable), 25 x 15 mL pouches	910725
pH 10.01 buffer (NIST traceable), 25 x 15 mL pouches	911025-WA
pH electrode rinse solution 25 x 15 mL pouches	911125
Storage & Cleaning Solutions	
Storage solution for pH sensor, 480 mL	910001
General cleaning solution for pH electrodes, 4 x 60 mL	900024