



DISCONTINUED: FieldScout pH 400 Meter

Product Images



Short Description

- The new FieldScout pH 600 Meter has a modern, intuitive, and user friendly interface that allows users to quickly access the meters advanced features and settings
- Temperature and pH data remain visible, so monitoring does not stop when settings are changed or options are selected
- Large, backlit 3.2" LCD color display ensures measurement values and menu options are easy to read

Description

A quality pH meter using ISFET probes for glass-free pH measurement!

Well suited for the research community, education, agriculture, horticulture, bioscience, turf, and more!

Note: The FieldScout pH 400 Meter does not include a pH probe: please select from pH probe options above.

Modern User Interface

- The new FieldScout pH 400 Meter has a modern, intuitive, and user friendly interface that allows users to quickly access the meters advanced features and settings
- Temperature and pH data remain visible, so monitoring does not stop when settings are changed or options are selected
- Large, backlit 3.2" LCD color display ensures measurement values and menu options are easy to read

Rugged and Ergonomic Design

- The FieldScout pH 400 Meter has been designed for professional use
- Protected against dust and splashing – IP65
- Meters are fitted with a rubber boot to help absorb shock
- The USB port is well protected by a tightly sealed cover. The casing and battery door are fitted with rubber seals.
- 1 year warranty

Additional Information

Country of Manufacture	United States																																																																																																																											
Promotion	This product has been discontinued. See our full range of pH Meters																																																																																																																											
Brand	Spectrum Technologies																																																																																																																											
Explanation	<div><ul style="list-style-type: none">• Professional grade quality• Large, 3.2" LCD color display allows easy measurement reading• Supports 1- and 2-point calibration• Intelligent calibration wizard simplifies the calibration process• Light weight and compact design make it highly suitable for field use and handheld applications• Powered by 3 rechargeable AA-batteries (AC adapter included)• Meter includes case with cavity for sensor, batteries, and pH 4 and 7 standards. Excludes pH probe, please order separately<p>ISFET (Ion Sensitive Field Effect Transistor) Probes</p><p>Glass Free and Durable Probe - 2 Options to Fit Your Needs</p><ul style="list-style-type: none">• Unlike glass electrodes, the FieldScout 400 and 600 pH Meters feature ISFET pH electrodes that will not shatter. Additionally, neither model requires wet storage• Both come with a 6-month warranty• Spectrum ISFET probes are made of high quality materials such as PEEK, ABS, and PVC• Sample directly in plug trays, pots, containers, solutions, ground soils, and soilless media.</div> <div><table><tr><th>SPECIFICATIONS</th><th>pH 400 Meter</th><th>pH 600 Meter</th></tr><tr><td colspan="3">pH</td></tr><tr><td>Accuracy*</td><td>± 0.01</td><td>± 0.01</td></tr><tr><td>Resolution*</td><td>0.01</td><td>0.01</td></tr><tr><td>Range*</td><td colspan="2">pH 0.00 to 14.00</td></tr><tr><td>Calibration</td><td colspan="2">Smart calibration wizard</td></tr><tr><td>1-Point</td><td>✓</td><td></td></tr><tr><td>2-Point</td><td>✓</td><td></td></tr><tr><td>3-Point</td><td></td><td></td></tr><tr><td>5-Point</td><td></td><td></td></tr><tr><td colspan="3">Buffer types</td></tr><tr><td>Spectrum</td><td>✓</td><td></td></tr><tr><td>DIN, NIST, JIS</td><td></td><td></td></tr><tr><td>Automatic Temperature Correction (ATC)</td><td>✓</td><td></td></tr><tr><td colspan="3">Temperature</td></tr><tr><td>Accuracy*</td><td colspan="2">± 0.5°C (0.9°F)</td></tr><tr><td>Resolution*</td><td colspan="2">0.1°C (0.1°F)</td></tr><tr><td>Range*</td><td colspan="2">-5 to 120°C (20 to 250°F)</td></tr><tr><td colspan="3">Options</td></tr><tr><td>Languages</td><td colspan="2">English, Dutch, French, German, Spanish</td></tr><tr><td>Bias setting (user definable fixed offset value)</td><td colspan="2">pH 0.00 to 9.99</td></tr><tr><td colspan="3">Data handling</td></tr><tr><td>Store current measurement value(s) manually</td><td>max. 10</td><td>max. 10</td></tr><tr><td>Log measurement value(s) automatically at user definable interval 1-60 sec.</td><td></td><td></td></tr><tr><td>Send logged data file to PC through USB</td><td></td><td></td></tr><tr><td>Remote readout from PC through USB (max. 1 readout per sec.)</td><td></td><td></td></tr><tr><td>Send calibration report(s) to PC through USB</td><td></td><td></td></tr><tr><td colspan="3">Alarm setpoints and warnings (user definable min-max settings)</td></tr><tr><td>pH</td><td></td><td></td></tr><tr><td>Temperature</td><td></td><td></td></tr><tr><td>Stability check (change in pH per unit time)</td><td></td><td></td></tr><tr><td colspan="3">Physical Properties</td></tr><tr><td>Dimensions (W x H x D)</td><td colspan="2">3.13" x 6.30" x 1.14" (80mm x 160mm x 29mm)</td></tr><tr><td>Weight</td><td colspan="2">13.4 oz (379 gram)</td></tr><tr><td>Operation</td><td colspan="2">8h continuous / 30h with power save enabled</td></tr><tr><td>Protection rating</td><td colspan="2">IP65 (splash water resistant)</td></tr><tr><td>Batteries</td><td colspan="2">3 x AA NIMH 2600mAh</td></tr><tr><td>Replaceable</td><td>✓</td><td></td></tr><tr><td>Rechargeable via USB (5VDC - minimum 500mA to start charging)</td><td>✓</td><td></td></tr><tr><td>Recharge time (empty-full, with Spectrum charger, @ 1000mA)</td><td></td><td>8 hours</td></tr><tr><td colspan="3">* Depends on probe being used</td></tr></table></div>	SPECIFICATIONS	pH 400 Meter	pH 600 Meter	pH			Accuracy*	± 0.01	± 0.01	Resolution*	0.01	0.01	Range*	pH 0.00 to 14.00		Calibration	Smart calibration wizard		1-Point	✓		2-Point	✓		3-Point			5-Point			Buffer types			Spectrum	✓		DIN, NIST, JIS			Automatic Temperature Correction (ATC)	✓		Temperature			Accuracy*	± 0.5°C (0.9°F)		Resolution*	0.1°C (0.1°F)		Range*	-5 to 120°C (20 to 250°F)		Options			Languages	English, Dutch, French, German, Spanish		Bias setting (user definable fixed offset value)	pH 0.00 to 9.99		Data handling			Store current measurement value(s) manually	max. 10	max. 10	Log measurement value(s) automatically at user definable interval 1-60 sec.			Send logged data file to PC through USB			Remote readout from PC through USB (max. 1 readout per sec.)			Send calibration report(s) to PC through USB			Alarm setpoints and warnings (user definable min-max settings)			pH			Temperature			Stability check (change in pH per unit time)			Physical Properties			Dimensions (W x H x D)	3.13" x 6.30" x 1.14" (80mm x 160mm x 29mm)		Weight	13.4 oz (379 gram)		Operation	8h continuous / 30h with power save enabled		Protection rating	IP65 (splash water resistant)		Batteries	3 x AA NIMH 2600mAh		Replaceable	✓		Rechargeable via USB (5VDC - minimum 500mA to start charging)	✓		Recharge time (empty-full, with Spectrum charger, @ 1000mA)		8 hours	* Depends on probe being used		
SPECIFICATIONS	pH 400 Meter	pH 600 Meter																																																																																																																										
pH																																																																																																																												
Accuracy*	± 0.01	± 0.01																																																																																																																										
Resolution*	0.01	0.01																																																																																																																										
Range*	pH 0.00 to 14.00																																																																																																																											
Calibration	Smart calibration wizard																																																																																																																											
1-Point	✓																																																																																																																											
2-Point	✓																																																																																																																											
3-Point																																																																																																																												
5-Point																																																																																																																												
Buffer types																																																																																																																												
Spectrum	✓																																																																																																																											
DIN, NIST, JIS																																																																																																																												
Automatic Temperature Correction (ATC)	✓																																																																																																																											
Temperature																																																																																																																												
Accuracy*	± 0.5°C (0.9°F)																																																																																																																											
Resolution*	0.1°C (0.1°F)																																																																																																																											
Range*	-5 to 120°C (20 to 250°F)																																																																																																																											
Options																																																																																																																												
Languages	English, Dutch, French, German, Spanish																																																																																																																											
Bias setting (user definable fixed offset value)	pH 0.00 to 9.99																																																																																																																											
Data handling																																																																																																																												
Store current measurement value(s) manually	max. 10	max. 10																																																																																																																										
Log measurement value(s) automatically at user definable interval 1-60 sec.																																																																																																																												
Send logged data file to PC through USB																																																																																																																												
Remote readout from PC through USB (max. 1 readout per sec.)																																																																																																																												
Send calibration report(s) to PC through USB																																																																																																																												
Alarm setpoints and warnings (user definable min-max settings)																																																																																																																												
pH																																																																																																																												
Temperature																																																																																																																												
Stability check (change in pH per unit time)																																																																																																																												
Physical Properties																																																																																																																												
Dimensions (W x H x D)	3.13" x 6.30" x 1.14" (80mm x 160mm x 29mm)																																																																																																																											
Weight	13.4 oz (379 gram)																																																																																																																											
Operation	8h continuous / 30h with power save enabled																																																																																																																											
Protection rating	IP65 (splash water resistant)																																																																																																																											
Batteries	3 x AA NIMH 2600mAh																																																																																																																											
Replaceable	✓																																																																																																																											
Rechargeable via USB (5VDC - minimum 500mA to start charging)	✓																																																																																																																											
Recharge time (empty-full, with Spectrum charger, @ 1000mA)		8 hours																																																																																																																										
* Depends on probe being used																																																																																																																												
Contents	Meter includes case with cavity for sensor, batteries, and pH 4 and 7 standards. Excludes pH probes, please order separately Blunt Tip SI-2127 Pin Point Tip SI-2128																																																																																																																											
Ideal For	Professional, Education, Agronomy																																																																																																																											

pH Probe Options

pH Meter Blunt Tip ISFET Probe

pH Meter Pin Point Tip ISFET Probe

Additional Options