symPHony™

Specifications

VWR SP70P

pH
Benchtop Meter (cat. No.11388-326)
Benchtop Meter Kit (cat. No. 11388-340)

- Durable ,waterproof IP67 meter stands up to the most demanding over 2,000 hours of continuous operation
- Easy to use , 3 -button function
- Ergonomic design for comfortable handling
- SMART STABILITY and SMART AVERAGING functions for automatically optimized accuracy, precision and response time
- Storage of up to 10 password protected methods for easy retrieval of operation procedures
- Simultaneous display of pH and temperature measurements

Specifications	
pH	
Readout Range / Resolution	-2.000 to 19.999 or 0 to 14 in aqueous solutions / 0.1,0.01,0.001
Relative Accuracy	± 0.002
SMART STABILITY™ and SMART AVERAGING™	Resolution dependent / automatic
AUTO-CAL™ and/or Manual Calibration	1 to 5 points; US/NIST, DIN, and custom buffers recognized
mV	
Range – mV / RmV	± 1999.9
ORP	E_H autocalibration to standard hydrogen electrode
Resolution	0.1
Relative Accuracy	± 0.2 mV or 0.05%, whichever is greater
Temperature	
Range / Resolution	-5 to 105 °C / 0.1 up to 99.9 °C, 1.0 over 99.9 °C
Relative Accuracy	± 0.1 °C
Temperature Compensation	Auto/Manual
Display	Custom backlit LCD, for easy viewing
Inputs/Outputs	
Sensor Inputs	pH - BNC; ATC-miniDIN-Locking
Communications	Waterproof bi-directional RS232 - Stereo jack, optional USB interface Cable
Special GLP Software Features	
# Of Data Logging Points	200 points by time, stability or manual read with time/date stamp
Calibration Log	Last 10 Calibrations
User Method Storage	10 Saved
Advanced Self-test and Diagnostics	YES
GLP Electrode Verification	YES
Password Protection	YES
Internet Software Updates / Downloadable Methods	YES
Power	4 x AA batteries, powerless date protection
Regulatory and Safety	CE, CSA, UL, TÜV, FCC Class A limits
Environmental Operating Conditions	
Ambient Operating Temperature	5 to 45 °C
Relative Humidity	5 to 85% Non-Condensing
IP Rating	IP67, waterproof and dustproof
Warranty	36 months (from date of purchase)

Above data generated under optimal/controlled circumstances

Ph Benchtpo Meter (1112001) includes	
cat. No.	**Description**
11388-326	3-Star pH benchtop meter
14002-860	GEL 3-IN I Electrode
204947-001	Beaker
1210001	Portable Electrode
910710	pH 7.00 buffer, 10 pack

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