

The Thermo Scientific Orion 2-Star pH benchtop meter is easy to use and value priced for your general purpose pH measurements in the lab.

## Thermo Scientific Orion 2-Star

pH Benchtop Meter



### Features and Benefits

- The Thermo Scientific Orion SMART STABILITY™ and SMART AVERAGING™ functions for automatically optimized accuracy, precision and response time
- Built-in pullout guide for quick access to calibration instructions
- Up to 3 point pH calibration
- Automatic buffer recognition of USA, NIST and DIN buffers
- $E_H$  autocalibration for accurate ORP calibration and readings
- Data storage for up to 50 points with time and date stamp
- RS232 port for data downloading
- IP54-rated housing
- Includes universal power supply
- 3 year meter warranty

## Thermo Scientific Orion 2-Star pH Benchtop Meter



<b>pH</b>	Range	0.000 to 14.999
	Resolution	0.1, 0.01, 0.001
	Relative Accuracy	± 0.002
	Auto-Buffer Recognition	4.01, 7.00, 10.01/ 1.68, 6.86, 9.18, 12.46
	Calibration Points	1, 2 or 3
	Selectable Calibration Sets	USA or EURO
	Custom Buffers Accepted	Yes
<b>Millivolts</b>	Range	± 1999.9
	Resolution	0.1
	Relative Accuracy	± 0.2 or 0.05% of reading, whichever is greater
<b>Relative Millivolts</b>	Range	± 1999.9
	Resolution	0.1
	Relative Accuracy	± 0.2 or 0.05% of reading, whichever is greater
	ORP Mode with E <sub>H</sub> Autocalibration to Standard Hydrogen Electrode	Yes
<b>Temperature</b>	Range	- 5 to 105 °C
	Resolution	0.1 up to 99.9 °C, 1.0 over 99.9 °C
	Relative Accuracy	± 0.1 °C

Meter Only		
Cat. No.	Package	
<b>1111000</b>	Includes meter, universal power adapter and user guide	
Meter Kits		
Cat. No. / Application	Sensor (s)	Accessories and Solutions
<b>1111001 / Fresh Water</b>	• 9157BNMD Refillable epoxy pH/ATC Triode electrode	• Swing arm electrode stand • pH 4.01, 7.00, and 10.01 buffers and pH electrode storage solution (pint bottles)
Meter with Electrode and Stand		
Cat. No. / Application	Sensor (s)	
<b>1111201 / Wastewater, Clog-Free</b>	• 9165BNWP Sure-Flow refillable epoxy pH electrode	
<b>1111202 / Fresh Water</b>	• 9157BNMD Refillable epoxy pH/ATC Triode electrode	
<b>1111203 / TRIS</b>	• 9156APWP AquaPro low maintenance epoxy pH electrode	
<b>1111204 / Fresh Water</b>	• 9142BN Refillable glass pH electrode • 927007MD Stainless steel ATC probe	
<b>1111205 / Fresh Water</b>	• 9142BN Refillable glass pH electrode	
<b>1111206 / Fresh Water</b>	• 9145BN Low maintenance epoxy pH electrode	
<b>1111207 / Fresh Water</b>	• 9107BNMD Low maintenance epoxy pH/ATC Triode electrode	
<b>1111208 / TRIS, Education</b>	• 9107APMD AquaPro low maintenance epoxy pH/ATC Triode electrode	

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