

Starter 400 Portable Water Analysis Meters are robust, lightweight, battery-operated units with waterproof housing, which makes them ideal for prolonged use in wet environments, and a rubber protective case fit for field testing. A rechargeable lithium battery ensures hours of trouble-free testing in the field. Intuitive software and an easy-to-view LCD allows for simple operation. A built-in USB port enables easy data transfer.



**Manufacture:** Ohaus  
**SKU:** 30468964  
**Weight:** 2.00 lb  
Free Ground Shipping  
within the 48  
continental US States

**Please Call**  
**(800)832-0055**

## Features

Starter 400 Portable Water Analysis Meters are robust, lightweight, battery-operated units with waterproof housing, which makes them ideal for prolonged use in wet environments, and a rubber protective case fit for field testing. A rechargeable lithium battery ensures hours of trouble-free testing in the field. Intuitive software and an easy-to-view LCD allows for simple operation. A built-in USB port enables easy data transfer.

- Applications - pH, Oxidation-Reduction Potential (ORP) measurement
- Display - Backlit Liquid Crystal Display (LCD)
- Operation - Rechargeable lithium battery
- Communication - Built-in micro-USB port
- Construction - IP67 waterproof plastic housing, IP67 probes, rubber cover
- Design Features - Data storage of up to 1000 items

Built with IP67 waterproof housing as well as a rubber cover and IP67 probes, the ST400 is ideal for prolonged use in any field environment.

Rechargeable lithium battery provides 40 hours of uninterrupted use and more than 300 charge cycles - eliminating the need to change out batteries often.

The ST400 features intuitive software which guides the user through operation. All necessary

information to run tests successfully such as electrode condition is displayed clearly on the large LCD.

Starter 400/400M Portable Water Analysis Meters are robust, lightweight, battery-operated units with waterproof housing which makes them ideal for prolonged use in wet environments, and a rubber protective case fit for field testing. A rechargeable lithium battery ensures hours of trouble-free testing in the field. Intuitive software and an easy-to-view LCD allows for simple operation. A built-in USB port enables easy data transfer.

- **IP67 Waterproof Housing for Working in Wet Environments** Built with IP67 waterproof housing as well as a rubber cover and IP67 probes, the ST400/400M is ideal for prolonged use in any field environment.
- **Rechargeable Lithium Battery Ensures Less Downtime** Rechargeable lithium battery provides 40 hours of uninterrupted use and more than 300 charge cycles—eliminating the need to change out batteries often.
- **Easy to Operate with Intuitive Software and Information Displayed on the LCD** The ST400/400M features intuitive software which guides the user through operation. All necessary information to run tests successfully such as electrode condition is displayed clearly on the large LCD.
- **Equipped with Large Storage Capacity and Ability to Transfer Data Easily Via USB** The ST400/ST400M has a large data storage capacity of 1000 records. If it exceeds capacity, data can be quickly transferred to a laptop via the micro-USB port, ensuring that users can retain every measurement.

**Starter 400D Dissolved Oxygen Meter** ST400D, a practical, affordable, low-maintenance DO portable meter equipped with optical technology —ideal for applications that require simple yet accurate DO measurements.

- The optical probe requires minimal maintenance—frequent membrane replacement not needed. Also, warm up and stirring of samples when taking measurements is not required.
- Equipped with a color LCD display, the ST400D is designed to fit comfortably in the palm of your hands. The automatic/manual endpoints enable easy recall of last calibration data and stored information with one touch.
- Simple calibration process offers quick delivery of measurements, and automatic temperature and barometric pressure compensation ensure accurate results.

## Specifications

Model	ST400			ST400M			
	ST400-B 30468964	ST400-F 30468965	ST400-G 30468966	ST400M-B 30468990	ST400M-F 30468991	ST400M-G 30468992	
Includes	ST400	ST400, electrode	ST400, electrode, case	ST400M	ST400M, electrode	ST400M, electrode, case	
Measuring Range	pH	-2 ... 16.00 pH					
	mV	-1999 ... 1999 mV					
	Conductivity	-			0.0 µS/cm ... 199.9 mS/cm		
	TDS	-			0.1 mg/l ... 199.9 g/l		
	Salinity	-			0.0 ... 99.9 psu		
	Resistivity	-			0... 20MΩ•cm		
Temperature	-5 °C ... 110 °C						

	<b>pH</b>	0.01 pH	
	<b>mV</b>	1 mV	
<b>Resolution</b>	<b>Conductivity</b>	-	0.1 µS/cm, Auto-range
	<b>TDS</b>	-	0.01 mg/l, Auto-range
	<b>Salinity</b>	-	0.01 psu, Auto-range
	<b>Resistivity</b>	-	0.01Ω•cm, Auto-range
	<b>Temperature</b>	0.1 °C	
	<b>pH</b>	± 0.01 pH	
	<b>mV</b>	± 1 mV	
<b>Accuracy</b>	<b>Conductivity</b>	-	± 0.5% F.S.
	<b>TDS</b>	-	± 0.5% F.S.
	<b>Salinity</b>	-	± 0.5% F.S.
	<b>Resistivity</b>	-	± 0.5% F.S.
	<b>Temperature</b>	± 0.5 °C	± 0.3 °C
<b>Calibration</b>	<b>pH</b>	1-5 points, 6 predefined buffer groups	1-5 points, 6 predefined buffer groups
	<b>Conductivity</b>	-	1 point, 5 predefined standards
<b>Memory</b>		1000 measurements	1000 measurements (pH + conductivity)
		5 calibration data for each sensor ID	5 calibration data for each sensor ID
<b>Power Supply</b>		Rechargeable Li-battery, 2600mAh; > 300 charge and discharge times	
<b>Size/Weight</b>		Approximately 100W × 230 L × 40 H mm / 0.35 kg	
<b>Display</b>		LCD with Backlight	
<b>Input</b>	<b>pH</b>	IP67 BNC, impedance > 10e+12 Ω	
	<b>Conductivity</b>	IP67 Cinch, NTC 30 k	
	<b>Conductivity</b>	-	IP67 LTW
<b>Temperature Compensation</b>	<b>pH</b>	ATC & MTC	
	<b>Conductivity</b>	-	ATC, Linear: 0.00 / °C to 10.00% / °C Reference Temperature: 20 or 25 °C
<b>IP Protection</b>		P67	
<b>Housing</b>		ABS / PC	
<b>Communication</b>		Micro-USB	

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