



## Ohaus ST400M-G Starter Series Portable Waterproof - Conductivity Water pH Meter - Meter, Electrode and a Case

Starter 400M Multi Parameter Portable Water Analysis Meters are robust, lightweight, battery-operated units with waterproof housing, which are ideal for testing pH, conductivity, TDS, salinity and resistivity in wet environments. 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.



**Manufacture:** Ohaus  
**SKU:** 30468992  
**Weight:** 2.00 lb  
Free Ground Shipping  
within the 48  
continental US States

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

### Features

Starter 400M Multi Parameter Portable Water Analysis Meters are robust, lightweight, battery-operated units with waterproof housing, which are ideal for testing pH, conductivity, TDS, salinity and resistivity in wet environments. 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, Conductivity, TDS, Salinity and Resistivity Testing
- 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 ST400M 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.

## Specifications

| Model              | ST400               |                     |                              | ST400M               |                           |                               |
|--------------------|---------------------|---------------------|------------------------------|----------------------|---------------------------|-------------------------------|
|                    | ST400-B<br>30468964 | ST400-F<br>30468965 | ST400-G<br>30468966          | ST400M-B<br>30468990 | ST400M-F<br>30468991      | ST400M-G<br>30468992          |
| Includes           | ST400               | ST400,<br>electrode | ST400,<br>electrode,<br>case | ST400M               | ST400M,<br>electrode      | ST400M,<br>electrode,<br>case |
| Measuring<br>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    |                              |                      |                           |                               |
| Resolution         | pH                  | 0.01 pH             |                              |                      |                           |                               |
|                    | mV                  | 1 mV                |                              |                      |                           |                               |
|                    | Conductivity        | -                   |                              |                      | 0.1 µS/cm, Auto-range     |                               |
|                    | TDS                 | -                   |                              |                      | 0.01 mg/l, Auto-range     |                               |
|                    | Salinity            | -                   |                              |                      | 0.01 psu, Auto-range      |                               |
|                    | Resistivity         | -                   |                              |                      | 0.01Ω•cm, Auto-range      |                               |
|                    | Temperature         | 0.1 °C              |                              |                      |                           |                               |
|                    | pH                  | ± 0.01 pH           |                              |                      |                           |                               |
|                    | mV                  | ± 1 mV              |                              |                      |                           |                               |

|                                 |                     |  |  |
|---------------------------------|---------------------|--|--|
|                                 | <b>Conductivity</b> | -  | ± 0.5% F.S.  |
| <b>Accuracy</b>                 | <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<br>5 calibration data for each sensor ID         | 1000 measurements (pH + conductivity)<br>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>pH</b>           | ATC & MTC  |  |
| <b>Temperature Compensation</b> | <b>Conductivity</b> | -  | ATC, Linear: 0.00 / °C to 10.00% / °C<br>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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