

STARTER™ 300 *Water Analysis Portable Meters*

Versatile Portable Meters for Lab and Field Use

The Starter 300 portable water analysis meters were created with versatility in mind. They can be operated in the lab with the support of built-in stand, or in the field. Easy to use with a clear, well-organized LCD screen, one touch recall of calibration data and stored information. In addition, they are equipped with IP54 protection which shields the meter from damage by water and dust particles.

Starter 300 pH Meter

Starter 300 combines portability with precise pH measurement.

- With a meter stand, wrist strap for secure field use and IP54 housing, Starter 300 is durable and prepared for versatile use.
- Automatic and manual temperature compensation ensure accurate readings while a 30 measurement library stores data for future reference.
- The auto buffer recognition stores calibration data and helps to avoid errors during the calibration process.

Starter 300C Conductivity Meter

Starter 300C is the reliable and accurate choice for measurement of conductivity and TDS levels of liquids.

- The 30 item library allows the user to store measurements data, and stored information and calibration data can be easily recalled with one touch.
- Auto temperature compensation with adjustable temperature co-efficient for accurate measurements, and 4-pole and 2-pole conductivity probes which offer a large conductivity range that safeguards them from effects of polarization and pollution.
- With a simple calibration process and quick delivery of measurement results, Starter 300C is efficient and easy-to-use.

Starter 300D Dissolved Oxygen Meter

Starter 300D provides accurate and reliable DO measurement, critical to aquatic life and water quality.

- With a simple calibration process, quick delivery of measurements and automatic temperature compensation, Starter 300D is both easy-to-use and accurate.
- The automatic or manual endpoints allow the user to easily recall the last calibration data and stored information with one quick touch.
- The galvanic electrode can be used immediately after being powered on without the wait time typically associated with dissolved oxygen meters.



STARTER™ 300 *Water Analysis Portable Meters*

Model	ST300	ST300C	ST300D
Measurement Range	0.00 to 14.00 pH -1999 to 1999 mV 0 °C to 100 °C	0.0 µS/cm to 199.9 mS/cm 0.1 mg/l to 199.9 g/l (TDS) 0 °C to 100 °C	0.0 to 199.9%; 200 to 400% 0.00 to 19.99; 20.0 to 45.0 mg/L 0.00 to 19.99; 20.0 to 45.0 ppm 0 to 50 °C
Measurement Resolution	0.01 pH 1 mV 0.1°C	Automatic Range 0.1°C	0.1%; 1% 0.1 mg/L; 1 mg/L 0.01 ppm; 0.1 ppm 0.1 °C
Barometric Range	NA	NA	375 to 825 mmHg 500 to 1100 mbar 500 to 1100 hPa
Barometric Resolution	NA	NA	1 mmHg 1 mbar 1 hPa
Error Limits	± 0.01 pH ± 1 mV ± 0.5 °C	± 0.5 % of the Measured Value ± 0.3°C	± 1% ; ± 0.3 °C
Calibration	3 Points 4 Predefined Buffer Group	1 Point 4 Predefined Standards	1 or 2 Points 100% and 0%
Memory	30 Measurements Last Calibration Data	30 Measurements Last Calibration Data	30 Measurements Last Calibration Data
Power Supply	4 AAA > 500 Operating Hours	4 AAA > 250 Operating Hours	4 AAA > 250 Operating Hours
Size/Weight	Approximately 90 W × 150 D × 35 H mm / 0.18 kg (Without Batteries)	Approximately 90 W × 150 D × 35 H mm / 0.16 kg (Without Batteries)	Approximately 90 W × 150 D × 35 H mm / 0.18 kg (Without Batteries)
Display	Liquid Crystal	Liquid Crystal	Liquid Crystal
Input	BNC, Impedance > 10e+12 Ω Cinch, NTC 30 kΩ	Mini-DIN	BNC, Cinch, NTC 30 kΩ
Temperature Compensation	ATC & MTC	ATC,Linear: 0.00 %/°C...10.00 %/°C Reference Temperature: 20 & 25 °C	ATC & MTC
Salinity Compensation	NA	NA	0.0 to 50.0 ppt
IP Protection	IP54	IP54	IP54
Housing	ABS	ABS	ABS

Starter 300 Portable Meter Packages



Model	ST300 Packages
ST300-B	300 Meter with IP54 Sets, Electrode Clip, Wrist Strap and 4 AAA Batteries (Electrode Not Included)
ST300	ST300-B, ST320 3-in-1 Plastic Gel pH Electrode, and pH Buffer Powder Sachet
ST300-G	ST300-B, ST320 3-in-1 Plastic Gel pH Electrode, pH Buffer Powder Sachet (4.01, 7.00, 10.01), Portable Bag

Model	ST300D Packages
ST300D-B	300D Meter with IP54 Sets, Electrode Clip, Wrist Strap and 4 AAA Batteries (Probe Not Included)
ST300D	ST300D-B with STDO11 Galvanic DO Probe, and STTEMP30 Temperature Probe
ST300D-G	ST300D-B with STDO11 Galvanic DO Probe, STTEMP30 Temperature Probe, Portable Bag

Model	ST300C Packages
ST300C-B	300C Meter, Conductivity Standards 1413 µS/cm and 12.88 mS/cm (20mL bottles), IP54 Sets, Electrode Clip, Wrist Strap, 4 AAA Batteries (Probe Not Included)
ST300C	ST300C-B, with STCON3 4-Pole Conductivity Probe (70 µS/cm-200 mS/cm), 2 Small Bottles of Standard Conductivity Solution - 1413 µS/cm and 12.88 mS/cm, IP54 Sets, Electrode Clip, Wrist Strap, 4 AAA Batteries
ST300C-G	ST300C-B, STCON3 4-Pole Conductivity Probe (70 µS/cm - 200 mS/cm), Portable Bag