

Introductory Sale on New Line of Ohaus pH Meters Through 10/30/15

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Smart Bench Meters for a Variety of Laboratory Applications

After more than a century of perfecting the art of measurement through our durable weighing products, Ohaus precision is now available in a line of Starter pH meters.

Starter Water Analysis Bench Meters

Starter 3100

Starter 3100 offers premium features at a cost-effective price point for reliable and convenient pH and ORP measurements.

- Starter 3100's intuitive software includes three point calibration, three buffer groups, automatic and manual endpoint functions, as well as a 99 item library.
- Among Starter 3100's user-friendly features that support ease-of-use are an adjustable Stand-Alone electrode holder and large backlit LCD display.
- Documenting measurement data is made simple through the RS232 which can be used to connect peripheral devices such as printers or computers to the meter.



Starter 2100

If you are looking for a cost-effective, reliable pH bench meter, Starter 2100 is the right choice for you.

- With the attached quick guide, five clearly marked keys and user-friendly software, novices can operate the meter with minimal training.
- The built-in electrode holder provides uncomplicated and convenient all-in-one operation while the large LCD display screen clearly displays results.
- Auto buffer recognition, electrode condition icon, automatic temperature compensation and reference input, all work together to ensure accurate results.



Model	ST3100*	ST2100*
Measurement Range	-2.00...16.00 pH -1999...1999 mV -5 °C...110 °C	0.00...14.00 pH -1999...1999 mV 0 °C...100 °C
Resolution	0.01 pH 1 mV 0.1 °C	0.01 pH 1 mV 0.1 °C
Calibration	Up to 3 Points 3 Predefined Buffer Groups	1 or 2 Points 1 Predefined Buffer Group (1.68, 4.01, 7.00, 10.01)
Memory	99 Measurements Last Calibration Data	Last Calibration Data
Power Supply	110-240V/50Hz, DC 12V	110-240V/50Hz, DC 12V
Size/Weight	Approximately 220 W × 175 D × 78 H mm / 0.75 kg	Approximately 220 W × 175 D × 78 H mm / 0.75 kg
Display	Liquid Crystal Backlight	Liquid Crystal
Input	BNC, impedance > 10e+12 Ω Cinch, NTC 30 kΩ 2 mm	BNC, impedance > 10e+12 Ω Cinch, NTC 30 kΩ 2 mm
Temperature Compensation	ATC & MTC	ATC & MTC

*Bench meters are available in different packages:

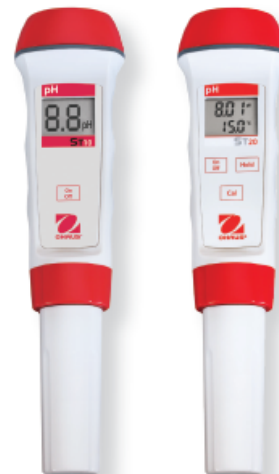
Model	Description	Model	Description
ST3100-B	3100 Meter With Stand-alone Electrode Holder (Electrode Not Included)	ST2100-B	Starter 2100 Meter With Built-In Electrode Holder
ST3100-F	ST3100-B, ST310 Electrode, pH Buffer Powder Set (4.01, 7.00, 10.01), In-use Cover	ST2100-E	ST2100-B, ST210 Electrode, pH Buffer Powder Set (4.01, 7.00, 10.01)
		ST2100-F	ST2100-B, ST210 Electrode, STTEMP30 Temperature Probe, pH Buffer Powder Set (4.01, 7.00, 10.01)

Starter Water Analysis Pen Meters

Convenient pH Testing

Two models with varying resolution and accuracy, ST10 and ST20 offer a convenient way to measure pH, or the relative acidity or alkalinity of a sample at a given temperature. The pH pen meters can be completely operated with just one hand, freeing up your other hand to handle samples.

Model	ST20	ST10
Range	0.00-14.00	0.0-14.0
Resolution	0.01pH	0.1pH
Accuracy	0.05pH	0.1pH
Temperature Range	0.0-99.0 °C	NA
Temperature Compensation	Yes	NA
Display	Dual	Single
Calibration	3 Point	NA
Buffer Group	4.01, 7.00, 10.01	NA
Automatic Shutdown	6 Minutes of Non-Use	6 Minutes of Non-Use
Battery	4 AG13 1.5V Micro Alkaline Batteries	4 AG13 1.5V Micro Alkaline Batteries
Size/Weight	185 × 45 × 38 mm, 110 g	185 × 45 × 38 mm, 110 g



Starter Water Analysis Portable Meters

Starter 300 pH Meter 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.

Model	ST300*
Measurement Range	0.00 to 14.00 pH -1999 to 1999 mV 0 °C to 100 °C
Measurement Resolution	0.01 pH 1 mV 0.1 °C
Calibration	3 Points 4 Predefined Buffer Group
Memory	30 Measurements Last Calibration Data
Power Supply	4 AAA > 500 Operating Hours
Size/Weight	Approximately 90W x 150 D x 35 H mm / 0.18 kg (Without Batteries)
Display	Liquid Crystal
Input	BNC, Impedance > 10e+12 Ω Cinch, NTC 30 kΩ
Temperature Compensation	ATC & MTC



Model	Description
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

Special WACO Pricing

Model	Model	OHAUS List Price	Special WACO Price
ST2100-B	Starter 2100 Bench pH	\$385.00	\$308.00
ST2100-E	Starter 2100 Bench pH	\$410.00	\$328.00
ST2100-F	Starter 2100 Bench pH	\$450.00	\$360.00
ST3100-B	Starter 3100 Bench pH	\$550.00	\$440.00
ST3100-F	Starter 3100 Bench pH	\$620.00	\$496.00
ST300-G	Starter 300 Portable pH	\$370.00	\$296.00
ST300	Starter 300 Portable pH	\$345.00	\$276.00
ST300-B	Starter 300 Portable pH	\$259.00	\$207.20
ST10	Pen Meter ST10	\$49.00	\$39.20
ST20	Pen Meter ST20	\$89.00	\$71.20

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