



Starter Pen Lab Meters



Accurate Results Anywhere and Anytime you Need Them

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 pen meters that provides accurate measurement of pH, oxidation-reduction potential (ORP), conductivity, salinity, and total dissolved solids (TDS). Starter pen meters are the economical option when you are simply looking for meters that will provide accurate measurement with no restriction.

- **Simple Operation in a Slim and Portable Design** – Starter pen meters provide what should be expected of a small pen meter: simple, fast, straightforward, no-frills yet highly accurate operation time and time again.
- **Durably Constructed to Withstand Wear and Tear Resulting from Repetitive use** – With durable plastic housing, a protective cap that safeguards the sensor and an automatic shutdown feature to preserve battery life, the Starter pen meters can endure consistent use in rugged environments.
- **Waterproof Housing Protects the Meters in their Working Environment** – Equipped with a wrist strap that helps to prevent unintentional dropping, Starter pen meters are constructed with an IP67 waterproof design that can prevent water damage when accidentally dropped into liquid.

Starter Pen Lab 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 calibrated with one quick button press and can be completely operated with one hand, freeing up your other hand to handle samples.

pH Meters

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
Calibration	1, 2, 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 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries



Portable ORP Measurement

ST10R and ST20R can bring measurement of ORP to virtually anywhere your need for the measurement of the availability of electrons in a liquid lies. Both models provide almost instantaneous results and the ST20R offers the ability to freeze the reading right on the display to provide additional time for data logging.

ORP Meters

Model	ST20R	ST10R
Range	-1000mV-1000mV	-1000mV-1000mV
Resolution	1mV	1mV
Accuracy	2mV	2mV
Temperature Range	0.0-99.0 °C	NA
Temperature Compensation	Yes	NA
Calibration	NA	NA
Automatic Shutdown	6 Minutes of Non-Use	6 Minutes of Non-Use
Battery	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries
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Small but Productive Conductivity Meters

Starter pen meters are the choice for basic testing needs of the total ionic concentration within a solution. With six models that can measure within three different conductivity ranges, there is a Starter conductivity meter for every application that requires portable operation and quick results.

Conductivity Meters

Model	ST20C-C	ST20C-B	ST20C-A
Range	0.00-19.99 ms/cm	0-1999 us/cm	0.0-199.9 us/cm
Resolution	10 us/cm	1 us/cm	0.1 us/cm
Accuracy	±1.5% FS	±1.5% FS	±1.5% FS
ATC	With Temperature Display	With Temperature Display	With Temperature Display
Display	Dual	Dual	Dual
Automatic Shutdown	6 Minutes of Non-Use	6 Minutes of Non-Use	6 Minutes of Non-Use
Battery	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries

Model	ST10C-C	ST10C-B	ST10C-A
Range	0.00-19.99 ms/cm	0-1999 us/cm	0.0-199.9 us/cm
Resolution	10 us/cm	1 us/cm	0.1 us/cm
Accuracy	±2.5% FS	±2.5% FS	±2.5% FS
ATC	Without Temperature Display	Without Temperature Display	Without Temperature Display
Display	Single	Single	Single
Automatic Shutdown	6 Minutes of Non-use	6 Minutes of Non-Use	6 Minutes of Non-Use
Battery	4 x 1.5V Micro alkaline batteries	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries



Simple Salinity Measurement

Starter pen meters combine all of the most useful features for measuring salinity, or the dissolved salt content in a liquid medium. With the combination of quality construction and sturdy design, Starter pen meters will provide durable operation in even tougher environments.

Salinity Meters

Model	ST20S	ST10S
Range	0.0-80.0 ppt	0.0-10.0 ppt
Resolution	0.1 ppt	0.1 ppt
Accuracy	±1.5% FS	±2.5% FS
ATC	With Temperature Display	Without Temperature Display
Display	Dual	Single
Automatic Shutdown	6 Minutes of Non-Use	6 Minutes of Non-Use
Battery	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries



Starter Pen Lab Meters

Complete TDS Meters

When you need reliable and accurate measurement of TDS, the Starter pen meters offer a high value in a portable and compact design. Bring the Starter TDS meter wherever your need to measure the combined content of all organic and inorganic substances in a liquid take you.

TDS Meters

Model	ST10T-A	ST10T-B	ST20T-A	ST20T-B
Range	0.0-100.0 mg/L	0-1000 mg/L	0.0-100.0 mg/L	0-1000 mg/L
Resolution	0.1 mg/L	1 mg/L	0.1 mg/L	1 mg/L
Accuracy	±2.5% FS	±2.5% FS	±1.5% FS	±1.5% FS
ATC	Without Temperature Display	Without Temperature Display	With Temperature Display	With Temperature Display
Display	Single	Single	Dual	Dual
Automatic Shutdown	6 Minutes of Non-Use	6 Minutes of Non-Use	6 Minutes of Non-Use	6 Minutes of Non-Use
Battery	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries	4 x 1.5V Micro Alkaline Batteries



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Approvals

All pen meters meet CE requirement and comply with FCC Part 15 Class B emissions.

