



## *Convenient Results at Your Fingertips*

For over a century, OHAUS has perfected the art of measurement through our line of weighing products. Taking a similar approach to our weighing equipment, OHAUS now delivers a line of pen meters that are durable, practical and affordable. Starter pen meters—the portable solution for on-the-go measurement of pH, oxidation-reduction potential (ORP), conductivity, salinity, total dissolved solids (TDS) and dissolved oxygen (DO). Starter pen meters are the economical option when you are simply looking for accurate measurements with no restrictions.

### *Standard Features Include:*

- **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 Meters

## Convenient pH Testing

Two models with varying resolution and accuracy; the 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 operated with just 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	0.01 pH	0.1 pH
Accuracy	0.05 pH	0.1 pH
Temperature Range	0.0 – 99.0 °C	NA
Temperature Compensation	Yes	NA
Display	Dual	Single
Calibration	3 Point	N/A
Buffer Group	4.01, 7.00, 10.01	N/A
Automatic Shutdown	6 Minutes of Non-Use	6 Minutes of Non-Use
Batteries	4 AG13 1.5V Micro Alkaline	4 AG13 1.5V Micro Alkaline
Size/Weight	185 × 45 × 38 mm, 110 g	185 × 45 × 38 mm, 110 g



## Portable ORP Measurement

ST10R and ST20R can provide measurement of ORP virtually anywhere the need for measurement of the availability of electrons in a liquid exist. Both models provide almost instantaneous results and the ST20R offers the ability to hold 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	N/A
Temperature Compensation	Yes	N/A
Display	Dual	Single
Calibration	N/A	N/A
Automatic Shutdown	6 Minutes of Non-Use	6 Minutes of Non-Use
Batteries	4 AG13 1.5V Micro Alkaline	4 AG13 1.5V Micro Alkaline
Size/Weight	185 × 45 × 38 mm, 110 g	185 × 45 × 38 mm, 110 g

