

STARTER PEN Meters

Accurate Electrochemistry Measurement At Your Fingertips

- Small, economical pen meters offer simple, fast, and straightforward operation.
- With durable IP67 waterproof ABS housing, protective sensor cap, and an automatic shutdown feature that preserves battery life, OHAUS pen meters can endure consistent use in rough, wet environments.
- Equipped with a wrist strap to prevent accidental drop and damage.

Parameters pH, ORP, conductivity, TDS, salinity, DO
Operation 4 1.5V batteries (included)
Design Features Easily replaceable electrodes, automatic shut off feature



Construction and Display



IP67 ABS Housing



Backlit Liquid Crystal Display (LCD)



Wrist Strap

Models

Model	Meter Type	Measurement Range	Measurement Resolution	Temperature Display	Item No.
ST10	pH	0.00 to 14 pH	0.1 pH	Not Available	30073970
ST20		0.00 to 14 pH ; 0.0 to 99.0 °C	0.01 pH	Yes	30073971
ST20M-B	Multi	pH 0 to 14 Conductivity 0 to 1999 µS/cm TDS 0 to 1000 mg/L Temperature 0-99.0 °C	pH 0.01 pH Conductivity 1µS/cm TDS 1 mg/L NA Temperature 0.1 °C	Yes	30393199
ST20M-C		pH 0-14 Conductivity 0 to 19.99 mS/cm Salinity 0.0 to 10.0 ppt Temperature 0 to 99.0°C	pH 0.01pH Conductivity 0.01mS/cm Salinity 0.1 ppt Temperature 0.1°C	Yes	30393200

Parameters and Features



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Models

Model	Meter Type	Measurement Range	Measurement Resolution	Temperature Display	Item No.
ST10C-A	Conductivity	0.00 – 199.9 µS/cm	0.1 µS/cm	Not Available	30073972
ST10C-B		0 – 1999 µS/cm	1µS/cm		30073973
ST10C-C		0.00 – 19.99 mS/cm	10 µS/cm		30073974
ST20C-A		0.00 – 199.9 µS/cm ; 0.0 – 99.0 °C	0.1 µS/cm	Yes	30073975
ST20C-B		0 – 1999 µS/cm ; 0.0 – 99.0 °C	1µS/cm		30073976
ST20C-C		0.00 – 19.99 mS/cm ; 0.0 – 99.0 °C	10 µS/cm		30073977
ST10T-A	TDS	0.0 – 100.0 mg/L	0.1 mg/L	Not Available	30073978
ST10T-B		0.0 – 1000 mg/L	1 mg/L		30073979
ST20T-A		0.0 – 100.0 mg/L ; 0.0 – 99.0 °C	0.1 mg/L	Yes	30073980
ST20T-B		0.0 – 1000 mg/L ; 0.0 – 99.0 °C	1 mg/L		30073981
ST10S	Salinity	0.0 – 10.0 ppt	0.1 ppt	Not Available	30073982
ST20S		0.0 – 80.0 ppt ; 0.0 – 99.0 °C		Yes	30073983
ST10R	ORP	-1000 – 1000 mV	1 mV	Not Available	30073984
ST20R		-1000 – 1000 mV ; 0.0 – 99.0 °C		Yes	30073985
ST20D	Dissolved Oxygen	0.0 – 80.0 ppt	0.1 mg/L	Yes	30073986

Applications and Industries



Universities

Used in university labs to teach students why measuring pH is essential in science.



Chemistry Institutes

Many chemical and biochemical processes are pH dependent.



Learning Centers

Students learn the theory and practice of pH measurement.



Municipalities

Monitor water quality parameters such as Dissolved Oxygen to assure safe drinking water.



Chemical Industries

Control pH to help with process control and ensure product quality.



Aquaculture

Maintain stable pH values to encourage healthy environment for aquatic organisms.



Agriculture

Regulate plant nutrient availability by closely monitoring soil pH.