

TDS 1

TDS Tester

- Quick and accurate readings
- Automatic temperature compensation



Water contains a variety of minerals and salts such as carbonates, bicarbonates, chlorides and nitrate. TDS is the parameter that measures the total sum of all of these compounds.

TDS 1 is a simple and affordable tester for TDS measurements. Due to its internal sensor, TDS measurements are automatically compensated for temperature variations. Calibration can be performed in one point with a trimmer.

The tester is supplied with a cap that protects the probe when it is not in use. Batteries can be easily replaced.

Light and small, TDS 1 is an ideal pocket meter to perform quick TDS measurements.

SPECIFICATIONS	TDS 1
Range	0 to 999 mg/L (ppm)
Resolution	1 mg/L (ppm)
Accuracy (@20°C/68°F)	±2% F.S.
Calibration Solution	HI 70080P
Calibration	manual, 1 point, through trimmer
Temperature Compensation	automatic, 5 to 50°C (41 to 122°F)
Battery Type / Life	(4) 1.5V / approx. 150 hours
Environment	0 to 50°C (32 to 122°F); RH max 95%
Dimensions	150 x 30 x 21 mm (5.9 x 1.2 x 0.8")
Weight	70 g (2.5 oz.)

ORDERING INFORMATION

TDS 1 is supplied with protective cap, calibration screwdriver, batteries and instructions

SOLUTIONS

HI 70080P 800 ppm calibration solution, 20 mL sachets (25)

For a complete list of Solutions, see the end of Conductivity Section 6.



HI 98203 SALINTEST

Salt Content Meter

- Replaceable electrode
- Easy to handle
- Quick calibration



Worldwide, fish farming has made great strides in the past two decades, with aquaculture becoming the prime source for quality seafood. As the methods and products keep changing, one crucial factor remains the same: the necessity for salinity testing.

The main component of salt in seawater is sodium chloride. The SALINTEST can help you accurately monitor the concentration of sodium chloride in aquaculture systems. Besides applications in aquaculture, SALINTEST is also ideal for checking salt concentrations in live fish storage tanks, tropical fish aquariums, refrigerated storage and oceanographic investigations.

The SALINTEST is easy to maintain and to assure accuracy, it has one point calibration through a trimmer on the side.

SPECIFICATIONS	HI 98203 SALINTEST
Range	0.00 to 1.00 pNaCl (58.4 to 5.84 g/L (ppt) NaCl)
Resolution	0.01 pNaCl
Accuracy (@20°C/68°F)	±0.02 pNaCl
Calibration	manual, 1 point
Battery Type / Life	1.5V (4) / approximately 500 hours of continuous use
Environment	0 to 50°C (32 to 122°F); RH max 95%
Dimensions	175 x 41 x 23 mm (6.9 x 1.6 x 0.9")
Weight	95 g (3.4 oz.)

ORDERING INFORMATION

HI 98203 (SALINTEST) is supplied with protective cap, calibration screwdriver, batteries and instructions. SALINTEST is also supplied with a handy chart that converts readings into g/L of sodium chloride.

ELECTRODES

HI 73202 Spare electrode* for HI 98203

SOLUTIONS

HI 7081L 30 g/L NaCl solution, 500 mL

HI 7061M Cleaning solution, 250 mL

* to be replaced by authorized technical personnel only

For a complete list of Solutions, see ISE Section 4.