

390a Salt Meter

Measure Salt Concentration and Temperature

Applications:

Food: Test the amount of salt in food, seafood, or processed foods

Health: Monitor the amount of salt intake

HVAC: measure salt content of water in boiler applications to avoid build up in small orifices

Industrial water bath units for build-up of salts

Aquarium and pool uses for detecting high salt content

Water: Test TDS levels to determine purity.

HVACR

- Test condensate water in cooling tower and humidifier reservoirs to prevent bacterial growth and drain line corrosion.
- Reduce water and chemical consumption in boilers and cooling towers.
- Test TDS levels in make-up water to prevent scale formation, corrosion, and embrittlement.
- Determine when to perform blowdown and add make-up water.
- Prevent contamination and corrosion of control valves, heat exchangers, and steam traps.
- Verify automated TDS controllers are functioning properly.
- Prevent low quality wet steam generation in boilers due to foaming caused by high TDS levels.

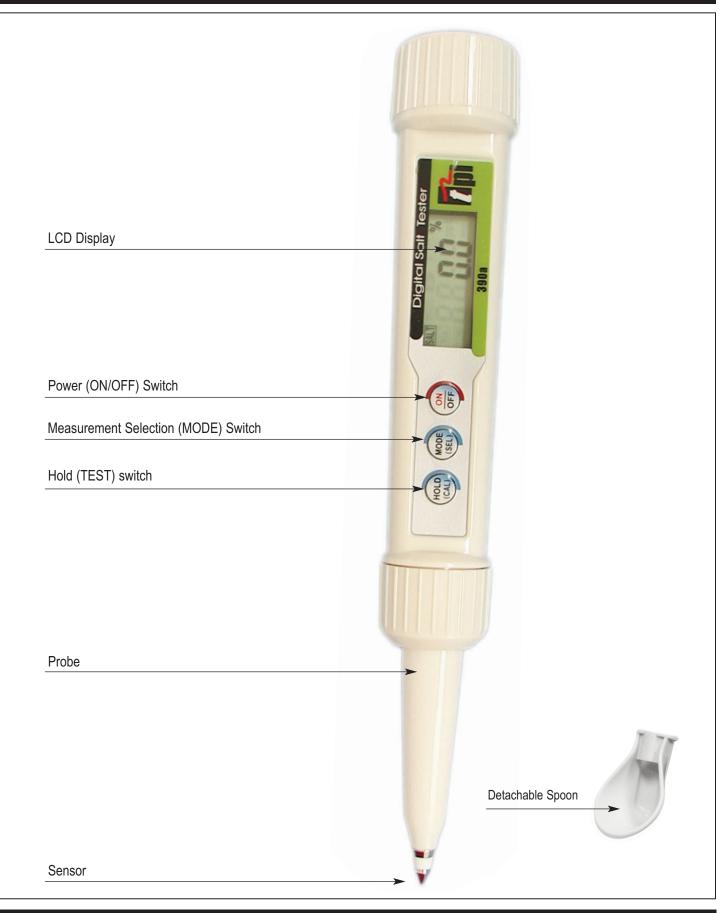
Salt Meter



Measurement Target	Aqueous Solution
Salt Measurement	Measurement Method: Electric Conductivity
	Measurement System
	Measurement range: 0 to 5.0%
	 Resolution: 0.1% / 0.01%
	 Accuracy: 0.1% to 2% = +/-0.2%
	2% to 5% = +/-0.3%
	 Measurement Temp: 32°F to 212°F (0°C to 100°C)
Total Dissolved	Measurment Range
Solids (TDS)	Oppm to 2000ppm
	Accuracy
	• +/-20ppm
Temperature Measurment	Measurement Range:
	32°F to 212°F (0°C to 100°C)
	Measurement Accuracy:
	±1°C ±2°F (±1°C)
Resolution @ 20°C	 Salt Measurement: 0.1% / 0.01%
	Temperature: 1°
Power Supply	 CR2032 Battery (2)
Size	 10" x 1.3" x 0.7"
	(215mm x 30mm x 26mm)
Weight	• 2 oz (57g)
Standard Accessories	 Sensor protection cap, supporting spoon, manual and batteries

390a Salt Meter

www.testproductsintl.com



Test the TPI Advantage: Value, Performance, Service, Safety

www.testproductsintl.com 800-368-5719