



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	<ul style="list-style-type: none"> • Aqueous Solution
Salt Measurement	<ul style="list-style-type: none"> • 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 Solids (TDS)	<ul style="list-style-type: none"> • Measurement Range • 0ppm to 2000ppm • Accuracy • +/-20ppm
Temperature Measurement	<ul style="list-style-type: none"> • Measurement Range: 32°F to 212°F (0°C to 100°C) • Measurement Accuracy: ±1°C ±2°F (±1°C)
Resolution @ 20°C	<ul style="list-style-type: none"> • Salt Measurement: 0.1% / 0.01% • Temperature: 1°
Power Supply Size	<ul style="list-style-type: none"> • CR2032 Battery (2) • 10" x 1.3" x 0.7" (215mm x 30mm x 26mm)
Weight	<ul style="list-style-type: none"> • 2 oz (57g)
Standard Accessories	<ul style="list-style-type: none"> • Sensor protection cap, supporting spoon, manual and batteries

