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

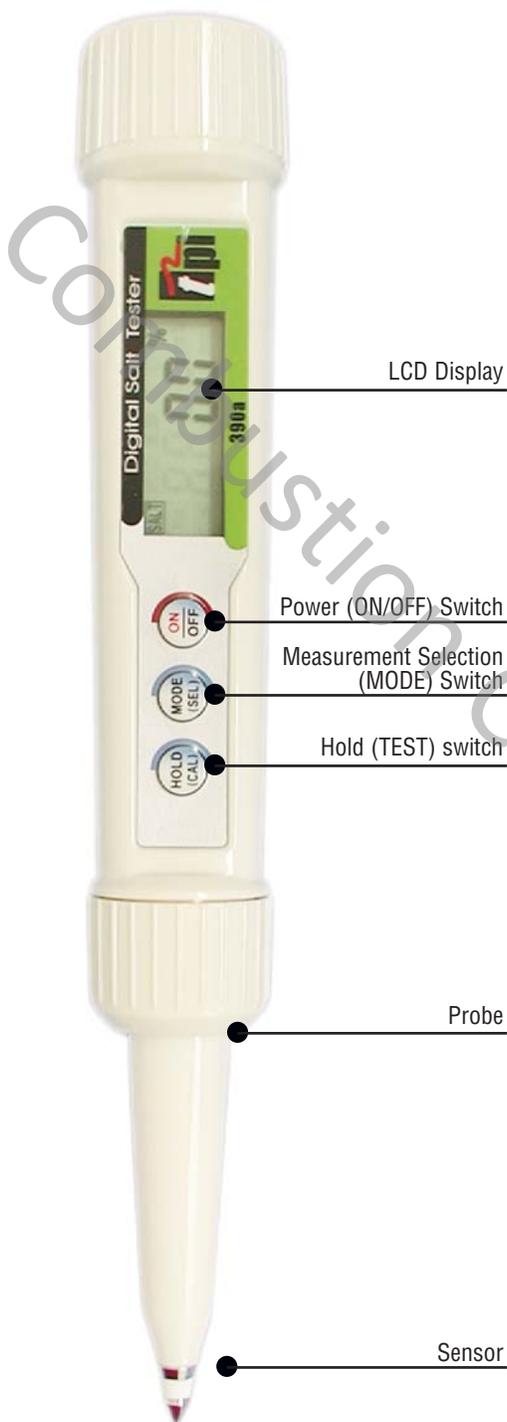HVAC: measure salt content of water in boiler applications to avoid build up in small orifices

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.

HVAC
- 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.

LCD Display

Power (ON/OFF) Switch

Measurement Selection (MODE) Switch

Hold (TEST) switch

Probe

Sensor

Detachable Spoon

Measurement Target	• Aqueous Solution

Salt Measurement	• Measurement Method: Electric Conductivity Measurement System
	• Measurement range: 0.1% to 5.0%
	• Accuracy
	  • Less than 2%: +/- one digit
	  • 2% or more: +/- two digits
	• Measurement Temp: 32°F to 212°F (0°C to 100°C)

Total Dissolved Solids (TDS)	• Measurment Range
	  • 0ppm 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) (temp. range: 0°C to 70°C) of reading
Resolution @ 20°C	• Salt Measurement: 0.1% • Tempecature: 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

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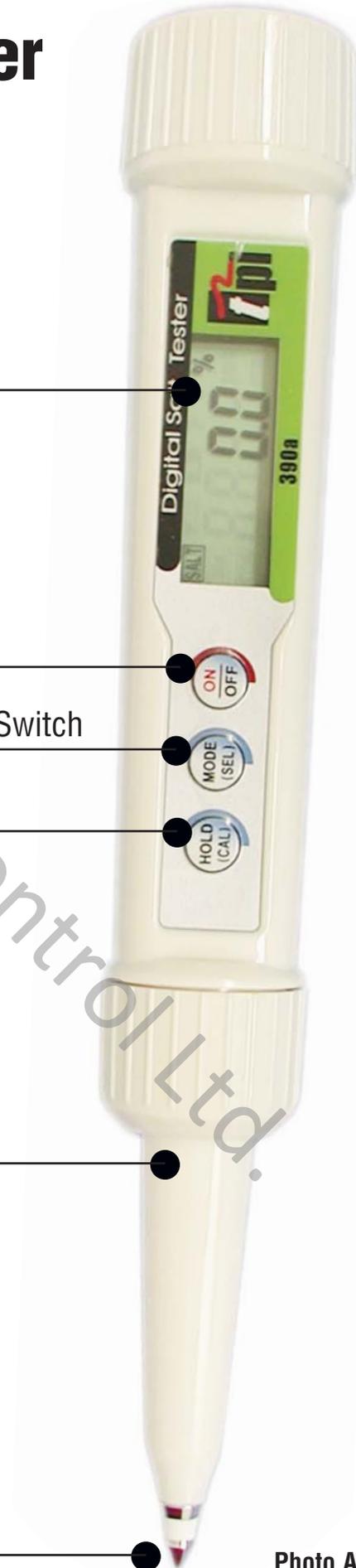
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Photo Actual Size