AquaMate™



## **Features**

- Portable Corrosion Rate Monitoring
- Imbalance(Pitting) Measurement
- Solution Resistance Compensation
- Temperature Measurement
- ( € Compliant

The Aquamate™ Linear Polarization Resistance is your best answer to the problem of getting quick and easy corrosion rate measurements in water systems. Simply plug the hand-held instrument into a LRP probe and press the measure key. In a few minutes the readout will display the corrosion rate in mils per year (MPY), the imbalance reading, conductivity, and, if you're using a LPR Temperature probe, the water temperature.

The Aquamate™ LPR instrument's patented Solution Resistance Compensation extends the low conductivity operating range from cooling water to condensate, feedwater, and drinking water systems. Manual

conductivity correction is not required. The true corrosion rate will conveniently be displayed when the alloy multiplier is pre-programmed.

In addition, the Aquamate<sup>™</sup> LPR instrument measures the imbalance current between the electrodes, which is related to pitting activity.

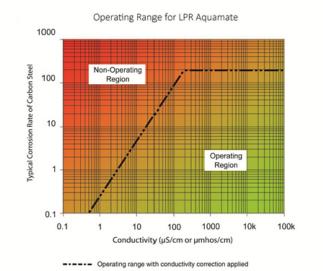
The instrument fits easily in a shirt pocket and is powered by a single 9 volt battery. Considering the features and size, this instrument sets a new standard for portable corrosion rate monitoring instrumentation.



## **Specifications**

Autoranging: 0.01 to 200 mpy or 0 – 5.08 mmpy or 0 – 5080 μmpy
0.01 to 100 pitting units or 0.025 to 250 $\mu\text{A}$
Range: 0 º to +260 ºC (0-500 ºF)  Accuracy: ±2 º C (does not include probe error)  Repeatability: ± 1 °C  Resolution: 0.1 °C
Range: 50 to 2,000 μmhos/cm (μS/cm) Accuracy: ±10% (excluding probe error)
See Graph
2 or 3 electrode LPR probe 2 electrode LPR Temperature probe (includes temperature)
Manual mode: 2 to 21 minutes in 0.5 min. increments Automatic mode: 3 to 20 minutes
Complies with all applicable EU Product Directions 89/336/EEC
0.25 - 3.00
9 Volt Alkaline Battery
+32 º to 122 ºF (0 º to 55 ºC)
-4 º to 131 ºF (-20 º to 55 ºC)
14 ounces





## **Ordering Information**

Aquamate™ Portable corrosion rate, imbalance, temperature, and conductivity monitor with test probe P/N Aquamate LPR

## Cosasco

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