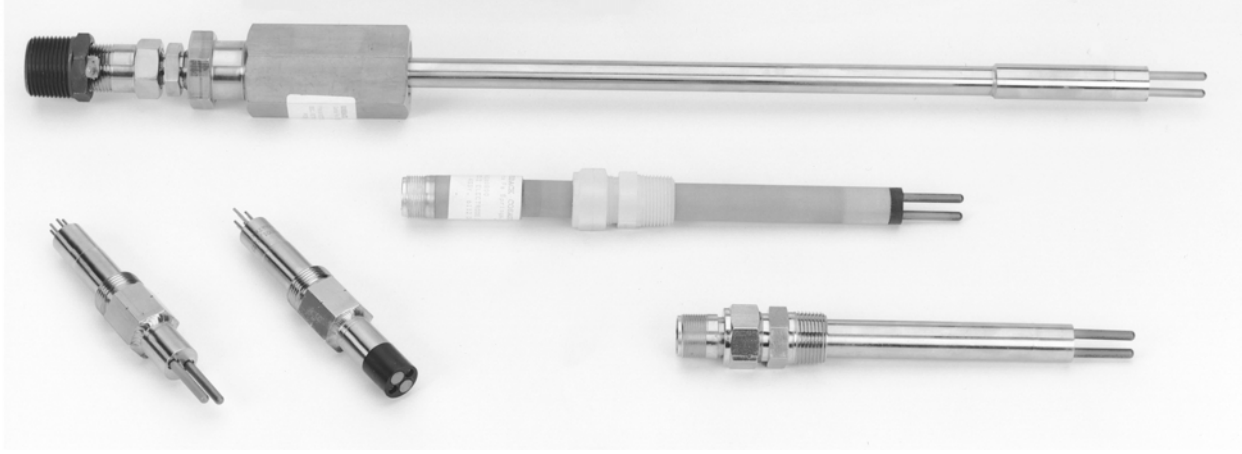


CORROTEMP[®] Dual Sensor CORRATER[®] Probes



Features:

- ***Simplifies Corrosion/Temperature Correlation***
- ***Utilizes Standard 6 PIN Connector/No Adaptors Required***
- ***Provides Stable and Accurate measurements***
- ***Suitable for Local and Remote Monitoring***
- ***Available in All Probe Models***
- ***Newer Instruments Measure Both Parameters***
- ***Operating Range -40°F to +300°F (-40°C to +150°C)***

Temperature is one of the most important controllable factors affecting corrosion rate, particularly in refineries, chemical and petrochemical process plants. A rule of thumb is that corrosion rates double for each 10°C temperature rise. The ability to rack temperature and corrosion rate simultaneously is a powerful tool in the corrosion management of such plants.

The patented CORRATER[®] CORROTEMP[®] measurement probe series, allows corrosion rate and temperature information to be collected simply—at the corrosion monitoring location where it is

important. By using a CORROTEMP[®] probe, you won't have to spend time searching for a separate temperature measurement that may not even exist for the area you want to monitor.

The temperature measurement has been incorporated into the probes using the same standard 6-pin adaptors of the standard CORRATER[®] probe range no external separate connectors or special adaptors with additional pins are required. The originality of the design permits both local and remote monitoring to be accomplished with accuracy.

All standard two electrode CORRATER[®] Probes are available with the CORROTEMP[®] Dual Sensor option.

The CORROTEMP[®] Combination models are distinguished from the standard CORRATER[®] probes by adding a "T" after the series number. Apart from adding a "T" to the series number, the remainder of the model number is exactly the same as the standard CORRATER[®] probe (refer to applicable data sheets for ordering by model number).

RCS has four instruments which read CORRATER[®] CORROTEMP[®] probes, the AquaMate[™], AquaCorr[™], Mate II and the CORRDATA[®] Remote Data Collectors (RDC's).

With an adaptor, (RCS Part No. 748071), CORROTEMP[®] probes may be read with any 100 ohm Platinum RTD Thermometer (alpha = 0.00385), such as the Omega Model 868,869 or equivalent.

■ **Temperature Sensor Specification:**

100 ohms platinum resistance temperature sensor (RTD)

Protected by U.S. patent numbers 4,338,563, 4,587,479, 5,243,297 and other patents applied for.



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