

CORROTEMP[®] Dual Sensor CORROSOMETER[®] 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 Several Probe Models***
- ***New Instruments Measure Both Parameters***
- ***Operating Range -40 °F to +500 °F (-40 °C to +260 °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 degrees C temperature rise. The ability to track temperature and corrosion rate simultaneously is a powerful tool in the corrosion management of such plants.

The CORROSOMETER[®] CORROTEMP[®] patented measurement probe series allows metal loss 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 connectors of the standard CORROSOMETER[®] 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.

The CORROTEMP[®] Combination models are distinguished from the standard CORROSOMETER[®] 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 CORROSOMETER[®] probe (refer to applicable data sheets for ordering by model number).

RCS has the three instruments which read CORROSOMETER[®] CORROTEMP[®] probes, the Model CK-4, the CORRDATA[®] Mate II, and 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 ohm platinum resistance temperature sensor (RTD)



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