

Model **CK-4** **CORROSOMETER[®] Instrument**



Features:

- **Portable**
- **Intrinsically Safe**
- **CORROSOMETER[®] and CORROTEMP[®]**
- **CORROSOMETER[®] Probe Compatibility**
- **Temperature Readout -40 °C to +260 °C (-40 °F to +500 °F)**
- **Data Storage for 26 Probe Locations**
- **Calculates Corrosion Rate From Last Probe Reading**

The CK-4 joins a new generation of multi-parameter corrosion monitors (including the CORRDATA[®] Mate II), designed to read corrosion metal loss and temperature. The portable CK-4 has a built-in memory which stores readings for subsequent retrieval, so that operators do not have to carry a notebook and pencil for manual recording. It even calculates a corrosion rate from the last probe reading to the present, when sufficient time exists between readings.

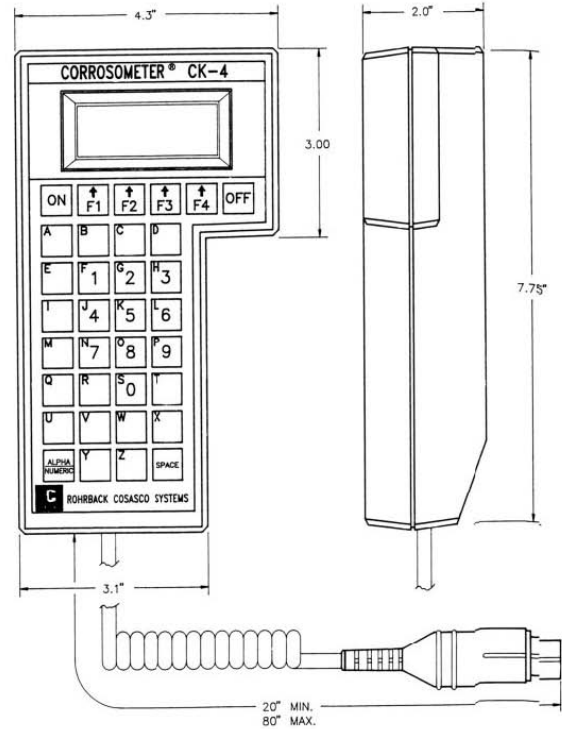
This intrinsically safe instrument utilizes the advanced RCS technology in CORROSOMETER[®] probe measurement with the ability to measure temperature from the new line of CORROTEMP[®] probes. The CK-4 is simple to operate and does not require additional pins or separate connectors to read temperatures from CORROTEMP[®] probes.

The combination of corrosion and temperature measurement is particularly useful in process plants, chemical plants, and refineries - where changes in operating temperature can have a major impact on corrosion rates. High temperatures that push or exceed the design conditions may improve output, but may result in unacceptably high corrosion rates which are costly and shorten plant life. Now operators and corrosion engineers can obtain a direct correlation between temperature and corrosion rate from one instrument.

CK-4 users will appreciate the additional corrosion management data and convenience which this low capital cost instrument provide.

Specifications:

- **Compatibility:**
Direct measurement to all CORROSOMETER® probes and CORROTEMP® CORROSOMETER® probes.
- **Measurement Resolution:**
Corrosion - 1 division (0.1% of probe span)
Temperature - 1°C
- **Repeatability:**
Corrosion ±5 divisions (±0.5% of probe span)
Temperature ±3°C
- **Power Source:**
6 AA alkaline cells
- **Operating Temperature Range:**
0°F to +122°F (-18°C to +50°C)
- **Probe Cable:**
Extension cables up to 50 ft. (15m)
- **Hazardous Area Certification:**
UL/ULc (Class 1, Div. 1, Groups A, B, C, D, Temp. T3C) for USA and Canada
- **Included Accessories:**
Carrying case (P/N 723631); 6 batteries (P/N 748066);
Instrument Test Probe (P/N 700642); Operation and Maintenance Manual.
- **Weight Without Carrying Case:**
1.5 lbs. (.68kg)
- **Weight With Carrying Case:**
5 lbs. (2.3 kg)



Ordering Information:

Model	Description								
CK-4	CK-4 CORROSOMETER® Instrument								
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Code	Software								
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CK-4 - 1 - 2	← Typical Order Number								



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