

Model **CK-3**
CORROSOMETER® Instrument



Features:

- ***Intrinsically Safe***
- ***Portable***
- ***For All Process Systems***

Note: The Checkmate Portable Instrument replaces the CK-3. The CK-3 is still available upon request.

The Model CK-3 CORROSOMETER® instrument is the industry standard for portable monitoring of CORROSOMETER® probes. It has a reputation for rugged reliability earned throughout the world in vastly diverse applications. This intrinsically-safe instrument is suitable for monitoring the full range of CORROSOMETER® probes which measure metal loss in virtually any environment.


The Model CK-3 instrument determines the metal loss that has occurred on a CORROSOMETER® probe since installation of the probe. As corrosion and/or erosion occurs on the probe, successive readings taken with the instrument at suitable intervals enable a metal loss against time graph to be generated, from which corrosion rates may be determined.

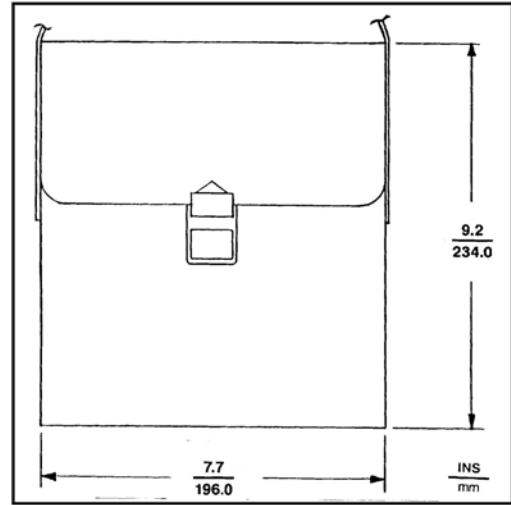
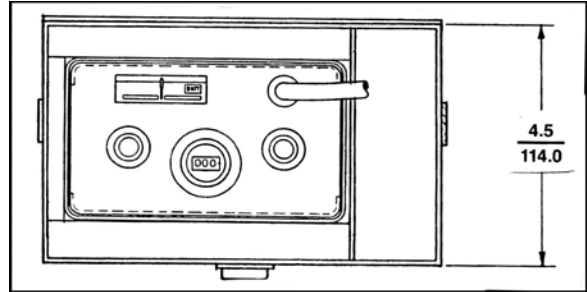
This easy-to-operate and sensitive portable unit provides a low capital cost entry in the field of corrosion monitoring where continuous measurement is not essential for corrosion management.

The instrument incorporates a battery test and includes a test probe for verification of instrument and probe extension cable integrity. The instrument is easily carried to the CORROSOMETER® probes where the simple readings may be taken in less than a minute.

The Model CK-3 instrument is certified intrinsically safe by Underwriter's Laboratory in the U.S.A.

Specifications:

- **Corrosion Resolution:**
1 division (0.1% of Probe Span)
- **Measurement Repeatability:**
± 1 dial division
- **Power Source**
EXCELL AP21 PX/523
- **Average Battery Life:**
6 months with normal usage
- **Operation Temperature Range:**
-10°C to +65°C
- **Probe Cable**
5 ft. (1.5 m) coiled cord
Extension Cables up to 1,000 ft. available
- **Hazardous Area Certification:**
 Underwriters Laboratory listed 629U Intrinsically Safe
for use in hazardous locations.
Class 1, Division 1, Groups A, B, C, D, T2A
- **Included Accessories:**
Carrying case, 4 batteries; P/N 094062, Instrument Test Probe;
P/N 044012-5, Operation and Maintenance Manual.
- **Weight:**
4.5 lbs. (2.0 kg)
- **Shipping Weight:**
7 lbs. (3.2 kg)



Model	Description	
CK-3	Portable Corrosometer [®] Instrument	
	Code	Software
	2	With Corrdata [®] Plus Windows [®] PC Software Package
CK-3	- 2	← Typical Order Number

Spare Batteries:
P/N 094062 (4 required)



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