

# Model **Checkmate™ Plus** **CORRDATA® Portable** **Instrument**

## **Features:**

- **Reads all CORROSOMETER® (Electrical Resistance) Corrosion Probes**
- **Downloads Stored Corrosion Data From Corrdata® Remote Data Collectors**
- **Measurement Resolution – 0.1 Probe Divisions (0.01% of Probe Span)**
- **Repeatability -  $\pm 1$  Division (0.1% of Probe Span)**
- **Rapid Measurement Cycle – 30 Sec.**
- **Downloads Stored Readings Directly to PC**
- **Certified for use in Hazardous Locations. Intrinsically Safe – (ATEX/UL/ULc (IEC) Certified)**



The Checkmate Plus is the newest addition to the industry-standard Corrdata® Product Line. Using “state of the art” surface mount integrated circuits, the sophisticated electronics provides higher resolution and measurement accuracy of Corrosometer (Electrical Resistance) corrosion probes. The measurement cycle time for direct probe readings has been reduced to 30 seconds while still maintaining high accuracy.

The Checkmate Plus has the capability to download stored corrosion data from Corrdata® Remote Data Collectors. Stored readings are easily downloaded to a PC where graphing and analysis can be performed with Corrdata Plus Software. The instrument is well suited for use in harsh field environments and certified for use in Class I, Zone 1 (Hazardous Locations).

## Specifications:

**Compatibility:** All Corrosometer probes  
All Remote Data Collectors

**Metal Loss Resolution:** 0.1 Division  
0.01% of Probe Span

**Metal Loss Repeatability:**  $\pm 1$  Division  
0.1% of Probe Span

Stores up to 204 Individual Probes (80 readings per probe)

**Power Source:** 6 AA Alkaline Batteries

**Battery Life:** 900 Probe Readings, typical

**Temperature Range:**

**Operating:** 0°F to 122°F (-18°C to 50°C)

**Storage:** 0°F to 150°F (-18°C to 65°C)

**Probe Cable:** Extension Cables up to 200 ft. (61m)

**Hazardous Area Certification:** Class I, Zone 1

North America:  
UL AEx ib IIC T4  
ULc Ex ib IIC T4

Europe:  
CE (EMC) Directive  
ATEX EEx ib IIC T4

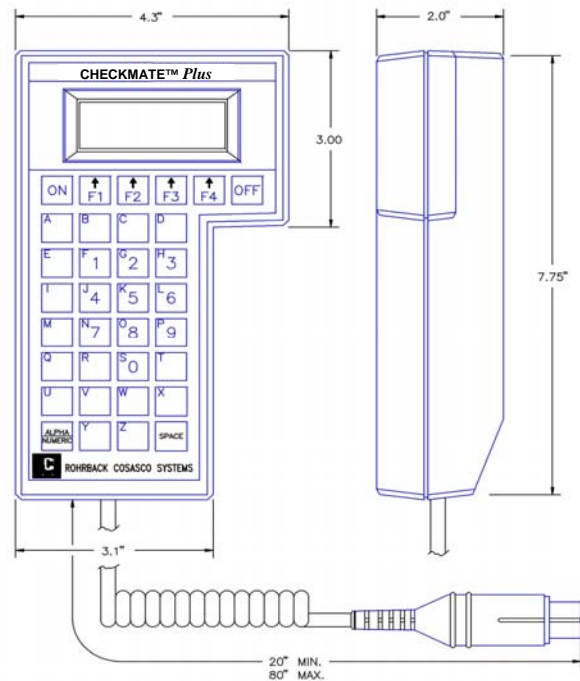
**Enclosure:** Splash-proof enclosure with sealed membrane keyboard

**Weight without carrying case:** 1.5 lbs. (0.68 kg)

**Weight with carrying case:** 5 lbs (2.3kg)

**Accessories:**

Field carrying case, Leather – P/N 723631



## Ordering Information:

Model	Description
Checkmate-Plus	Portable CORRDATA Instrument, ASCII Format, CSV File PC Download Software, Corrdata Plus Software, Batteries, Test Probe, Manual, Cable Assembly: Checkmate to Computer, Cable Adapter: Checkmate to RDC , & Carrying Case



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ISO 9001:2008  
Certificate No. FM 10694