Checkmate™ DL

Features

- Reads ER and LPR RDCs and all Microcor® ER High Speeder Data Loggers
- Downloads Stored Readings Directly to PC
- Certified for use in Hazardous Locations
- Intrinsically Safe

The Checkmate™ DL handheld instrument is the convenient and hassle-free way to program and collect data from Microcor® ER Data Loggers or ER and LPR Remote Data Collectors (RDC). Checkmate™ DL can be programmed to operate with either technology with only a few button clicks. This portable unit can store readings of up to 50 different Microcor® data Loggers or ER and LPR Data Loggers.

The intrinsically safe communication between the instrument and Data Loggers enables the user to collect data without moving the Data Logger to a safe area. Furthermore, the Checkmate™ DL makes transferring stored data to a PC a much simpler process than before, using the Cosasco Data Offline Software or the Microcor® Tools Software.

The instrument is well suited for use in harsh field environments and certified for use in Class 1, Zone 1 or Class 1, Zone 2 (Hazardous Locations).

Checkmate™ DL shown with Microcor® ER data logging system. May also be used with ER and LPR RDCs.
Specifications

Compatibility:
- All ER and LPR Data Loggers
- All Microcor® Data loggers

Memory for up to 50 Data Loggers when programmed for Corrdata® Systems. 57,330 Microcor® Data Logger Readings when programmed for Microcor® Systems.

Data Transfer: Intrinsically Safe RS 232 at 9600 Baud Rate

Power Source: 6 AA Alkaline Batteries

Battery Life: Typically 10 hours of continuous operation

Display: Four Line Liquid Crystal Display (LCD)

Temperature Range:
- Operating: 0°F to 122°F (-18°C to 50°C)
- Storage: 0°F to 150°F (-18°C to 65°C)

Enclosure: Splash-proof enclosure with sealed membrane keyboard

Dimensions: 7.75”H x 4.30”W x 2”D
(196.8 mm x 109.2 mm x 50.8 mm)

Weight without carrying case: 1.5 lbs (0.68 kg)

Weight with carrying case: 5 lbs (2.3kg)

Hazardous Area Certification:

Model CHECKMATE-DL-1: Class 1, Zone 1
North America:
UL AEx ib IIC T4 Gb -20°C ≤ Tamb ≤ +50°C
- UL Ex ib IIC T4 Gb -20°C ≤ Tamb ≤ +50°C
Europe:
CE compliant (EMC, ATEX)
ATEX Ex II 2 G Ex ib IIC T4 Gb -20°C ≤ Tamb ≤ +50°C
IEC Ex:
Ex II 2 G Ex ib IIC T4 Gb -20°C ≤ Tamb ≤ +50°C

Ordering Information

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<td>CHECKMATE-DL-1</td>
<td>Intrinsically Safe Portable Handheld Data Transfer Unit with Carrying Case</td>
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