



LDM 2000

Pass-By Data Exchange Dosimeter Reader

- Full operator interface
- Customized, display messages
- Downloadable configuration
- Networkable
- Badge reader, security gate interface
- Standalone emergency mode with data memory
- Compatible with DOSIVIEW and DOSISERV softwares

FEATURES

Wireless interface reader for the DMC 2000 family of electronic dosimeters

- Memorizes 2000 access control actions
- Message system
- Location
- Access control mode: wearer identification check, task number input, access authorization, gate or turnstile control
- Acquisition mode: in-motion readings of dosimeters which pass-by the reader's field, with data transmission to central computer for processing and topographic area location
- Configuration mode: interface to DOSIMASS software for configuration setting or history reading

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Featuring:



FUNCTIONAL CHARACTERISTICS

- Back-light alphanumeric display with 4 lines of 20 characters
- 4 indicator lights:
 - 2 lights for viewing dosimeter exchanges and monitor function indicator
 - 2 access control lights
- Alphanumeric keyboard for data entry
- Buzzer for audible alarms
- Pass-by data exchange with range adjustment
- Memory of more than 2000 entries/exits in autonomous emergency mode

ELECTRICAL CHARACTERISTICS

- Power supply:
 - 85 to 265 V AC 50 to 60 Hz
 - typical consumption 25 VA
- Connections:
 - 3 isolated digital inputs
 - 3 relay outputs
 - 1 «centralizer» RS 232 or RS 485 serial interface
 - 1 «auxiliary» RS 232 serial interface
 - 1 external antenna connection

MECHANICAL CHARACTERISTICS

- Dimensions:
 - Height: 235 mm (9.2 in)
 - Width: 297 mm (11.7 in)
 - Depth: 97 mm (3.8 in)
- Weight: 3.67 kg (8 lbs)

ENVIRONMENTAL CHARACTERISTICS

- Operating temperature: 0°C to +50°C (32°F to 122°F)
or -20°C to +60°C (-4°F to 140°F) option
- Storage temperature: -25°C to +60°C (-13°F to 140°F)
- EMC: complies with and exceeds CE standards

LINK WITH DMC 2000 DOSIMETERS

- Link in pass-by mode by magnetic coupling 125 kHz
- Range up to 1.2 m (3.93 ft) for in-motion reading (2.4 m / 7.87 ft with external antenna added)

OPTIONS AND ACCESSORIES

- Without internal antenna
- Additional external antenna
- Connector band with HE 308 socket, access control report and lights
- Ethernet module
- Sleeve for DMC 2000S, X, XB and GN
- Backup power supply, over 1 hour battery life



Pass-by data exchange
*offers unequalled operational flexibility:
sub-area tracking plus real-time worker
location, without imposing any restrictions
on the dosimeter wearer.*



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