LDM 2000

Pass-By Data Exchange Dosimeter Reader

- 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

- full operator interface
- customizable, display messages
- downloadable configuration
- networkable
- badge reader, security gate interface
- standalone emergency mode with data memory
- compatible with DOSIVIEW software
Functional Characteristics
- back-lit 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: -20°C to +60°C (-4°F to 140°F)
- storage temperature: -25°C to +60°C (-13°F to 140°F)
- EMC: complies with and exceeds standards

Link with DMC 2000 Dosimeters
- link in pass-by mode by magnetic coupling
  - 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
- optional keypad
- optional display
- without internal antenna
- additional external antenna
- entry/exit direction detection (contact us)
- connector band with HE 308 socket, access control report and lights
- ethernet module