



FEATURES

The LDM 220 is a compact, non-contact and low-cost dosimeter reader.

- No directional alignment required
- Indicator lamps for operation and access control
- Manageable digital inputs/outputs
- DSP based digital process
- Compatible with DMC 2000 and SOR families
- Compatible with software packages: DOSICARE, DOSIFAST, DOSIMASS and LDM 3000

LDM 220 USB Dosimeter Reader

The LDM 220 reader operates using software packages installed on computer (PC) and communicates with the dosimeters of the DMC 2000 and SOR families in pass-by data exchange mode.

Associated with the DOSICARE or DOSIFAST software, the LDM 220 reader is used as an interface to activate a dosimeter (to switch in counting mode) or to deactivate it (to switch in pause mode).

Associated to the DOSIMASS software, it is used as an interface to read and write the internal data of the dosimeter.

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Featuring:



DESCRIPTION

- Two-color electroluminescent diode used as ON/OFF and data exchange indicator lamp
- Two-color electroluminescent diode for READY/BUSY indication
- Two-color electroluminescent diode for ACCESS/NO ACCESS indication
- 2 HE10, 2 x 7- pin male connectors for digital of 4 inputs and 4 digital outputs
- Software downloadable and saved in flash

ELECTRICAL CHARACTERISTICS

- Self powered through USB port
- EMC: complies with and exceeds CE standards

MECHANICAL CHARACTERISTICS

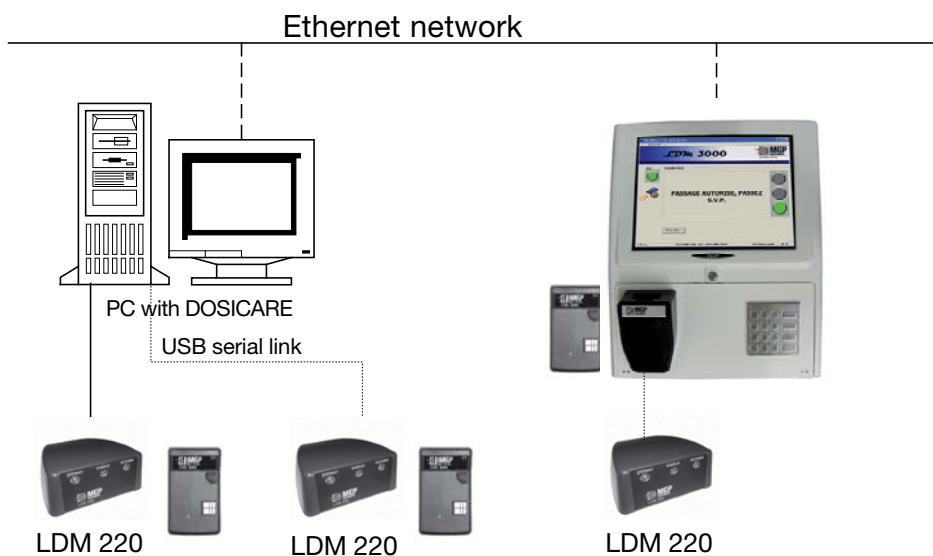
- Length: 70 mm (2.75 in)
- Width: 80 mm (3.14 in)
- Depth: 32 mm (1.26 in)
- Weight: 120 g (4.23 oz)

ENVIRONMENTAL CHARACTERISTICS

- Operating temperature: 0°C to +50°C (32°F to 122°F)
- Storage temperature: -10°C to +60°C (+14°F to 140°F)
- Humidity: 90% HR (without condensation)

COMMUNICATION WITH DOSIMETERS

- Short range high frequency bidirectionnal data exchange
 - Nominal range: between 20 and 30 cm (7.87 and 11.81 in)



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