LDM 220

detection
monitoring

radiation

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

- **no directional alignment required**
- **indicator lamps for operation and access control**
- **manageable digital inputs/outputs**
- **DSP based digital process**
- **compatible with the DMC 2000 and SOR familly**
- **compatible with software packages: DOSIMED, DOSIFAST, DOSIMASS**
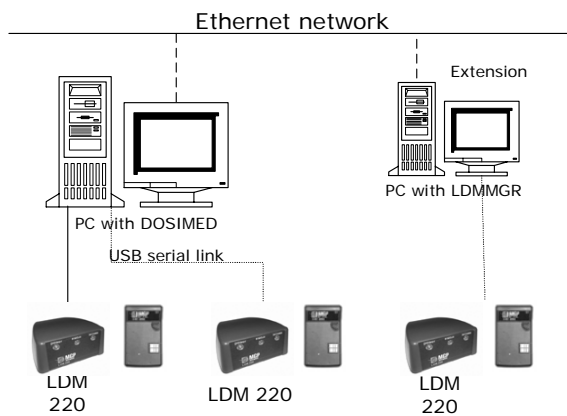
Operational Characteristics

Associated to the DOSIMED or DOSIFAST software, the LDM 220 reader is used as 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 interface to read and write the internal data of the dosimeter.

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

Ethernet network

Extension

PC with LDMMGR

PC with DOSIMED

USB serial link

LDM 220   LDM 220   LDM 220

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 bidirectional data exchange
- nominal range: between 20 and 30 cm (7.87 and 11.81 in)
- reduced range setting: between 5 and 20 cm (1.96 and 7.87 in)

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