

LDM 320 D & LDM 320 W Hands-Free Dosimeter Readers



LDM 320W



LDM 320D



The LDM 320D and LDM 320W readers operate using software packages installed on computer (PC) and communicate with DMC 3000 dosimeter and DMC 2000 and SOR families in hands-free data exchange mode.

When used with the DOSICARE, DOSIFAST, or compatible access control software, the LDM 320 reader is used as an interface to activate a dosimeter (to switch into counting mode) or to deactivate it (to switch into pause mode).

When used with the DMC User software, it functions as an interface to read and write the internal data of the DMC 3000, SOR and DMC 2000 dosimeters.

FEATURES

- Hands-free communication with dosimeters
- No directional alignment required
- 3 Indicator LEDs for operation and access control
- Manageable digital inputs/outputs
- DSP based digital process
- Compatible with the DMC3000, DMC 2000 and SOR dosimeter families and , iPAM-Tx
- Compatible with software packages:
DOSICARE, DOSIFAST,
DMCUser and LDM 3000SW
- Wall-mounted or desk versions



DMC 3000

LDM 320

DESCRIPTION

- Two-color electroluminescent diode used as ON/OFF and data exchange indication
- Two-color electroluminescent diode for READY/BUSY indication
- Two-color electroluminescent diode for ACCESS/NO ACCESS indication
- 1 female connector, 2 x 13-pins, 1.27 mm pitch, for accessory options (4 digital inputs, 4 digital outputs, power supply)
- Upgradeable Firmware
- Multi antennas (x3) for better (adaptive) communication with dosimeters

ELECTRICAL CHARACTERISTICS

- Self-powered through USB port
- EMC: complies with and exceeds standards
- CE compliant (CE certificate: 151508)

MECHANICAL CHARACTERISTICS

LDM 320D

Length:	(4.3 in)	109 mm
Width:	(3.9 in)	100 mm
Depth:	(1.1 in)	29 mm
Weight:	(5.3 oz)	150 gr

LDM 320W

Length:	(6.2 in)	157 mm
Width:	(3.9 in)	99 mm
Depth:	(2.9 in)	75 mm
Weight:	(14.1 oz)	400 gr

COMMUNICATION WITH DOSIMETERS

- Short range high frequency bidirectional data exchange at 125 kHz
- Nominal range: LDM 320D
 - DMC 2000 / SOR: 9.8* in (25 cm) maximum
 - DMC 3000: 1.9 in (5 cm) maximum

The low range configuration reduces the range of communication of about 1.9 in (5 cm)

ENVIRONMENTAL CHARACTERISTICS

- Operating temperature: 32°F to 122°F (0°C to +50°C)
- Storage temperature: +14°F to 140°F (-10°C to +60°C)
- Humidity: 90% HR (without condensation)
- IP LDM 320D: IP52
- IP LDM 320W: IP30

