



XOM/T - XOM/R

Reader/Recorder for Residual and Tactical
Dosimetry



Nuclear
Power



Healthcare



Homeland
Security
& Defense



Labs and
Education



Industrial and
Manufacturing

OVERVIEW

XOM/T and XOM/R reader/recorder are portable and autonomous equipment designed for field management of personal or collective dosimetry, when measured with SOR/T or SOR/R dosimeters. XOM/T and XOM/R readers can be used in autonomous mode with an integrated database, or as a part of a global dosimetry and human resource management.

KEY FEATURES

- Dosimetry management under NBC threat
- Individual and collective dosimetry
- Manage dosimetry in field conditions

XOM FUNCTIONAL CHARACTERISTICS

- Easy and simple man/machine interface
- Analysis of individual or collective radiological events
- Integrated data base allowing the management of 250 dosimeters/ 200 persons / 50 groups
- Pass by data exchange (communication with dosimeters even when worn under suits)
- Large backlit display (4 lines x 40 characters)
- Can be operated while wearing an NBC suit (gloves)
- Rugged and reliable equipment
- RS-232 output for data transfers (NATO message or data exchange with DOSIXOM or DOSIDEF software)
- Carried by a strap or handle
- NBC environment resistant
- Qualified to MIL- STD-810 and MIL- STD-461
- Operating temperature range: -30°C to +50°C (-22°F to +122°F) or -40°C to +50°C (-40°F to +122°F)
- Training mode available

ELECTRICAL CHARACTERISTICS

- Power supply:
 - 4 batteries LiClO₂(C size)
 - Direct connexion to vehicle: (12 Vdc to 32 Vdc)
 - 110-230 VAC via AC/DC converter

MECHANICAL CHARACTERISTICS

- Dimensions: 220 x 270 x 70 mm (8.66 x 10.62 x 2.75 in)
- Weight: 2 kg (4.40 lbs)
- Provided in a qualified rugged transportation case



Portable reader/recorder for NBC dosimetry XOM/T



Collective unit

NATO supplier n° F8929 / NATO stock number / n° 6130 14 5117803

> CHINE - SHANGHAI

T: +86 21 6180 6920 | E: info-cn@mirion.com

> FINLANDE - TURKU

T: +358 2 4684 600 | E: info-fi@mirion.com

> FRANCE - LAMANON

T: +33 (0) 90 59 59 59 | E: info-fr@mirion.com

www.mirion.com

> ALLEMAGNE - HAMBOURG

T: +49 40 85193 0 | E: info-de@mirion.com

> USA - SMYRNA, GEORGIE

T: +1 770 432 2744 | E: info-us@mirion.com

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