



instadose™ dosimeters



MIRION
TECHNOLOGIES

Dosimetry Services
Division

OVERVIEW

The *instadose* dosimeter brings radiation monitoring into the digital age. Smaller than a flash drive, this rugged dosimeter provides immediate dose readings by using any internet enabled computer.

This easy-to-use dosimeter is the only accredited USB-compatible dosimeter that enables users to measure radiation dose at anytime, as often as they wish from an internet enabled computer.

Based upon proprietary direct ion storage technology, the *instadose* dosimeter includes access to each user's historical and current exposure readings.

There is no need to send dosimeters to a processing center, simplifying administration and reducing costs.

The *instadose* website is rendered in several languages including English, French, Japanese, and Spanish

KEY BENEFITS

- Unlimited dose reads
- Increased compliance
- Online badge reassignments
- Immediate online reporting
- Elimination of collecting badges for processing



PERFORM DOSE READS AT ANYTIME

How the badge works

This breakthrough technology provides radiation workers with a precise measurement of radiation dose and includes accurate long-term exposure tracking. Each dosimeter has a unique serial number for identification.

Readings via a computer are enabled by a USB compatible detector. Before use, each dosimeter must be registered and initialized online at: www.instadose.com.

During the registration process, an application must be installed on the each computer that will be used to perform dose readings. This application only transfers dose data to Mirion's secure servers when reads are performed.

Perform a reading

To obtain a dose reading log-in to www.instadose.com, connect the instadose dosimeter to the USB port and click "Read Device" on the main screen. The stored accumulated dose is processed through a proprietary algorithm. This fully automated transfer of data minimizes the chance of human error and misidentification. Once complete, the current dose is displayed on the screen.

Dose reads are reviewed and if necessary analyzed by Mirion's technical staff.

The instadose dosimeter can be read up to a cumulative dose of 12 rem, if an exposure exceeds this limit the dosimeter will need to be sent in for processing and reporting.



SECURE WEB-BASED ACCOUNT MANAGEMENT

Our streamlined, secure Account Management Program (AMP) makes account administration a breeze. From account administration to managing individual wearers and dosimeters, AMP provides real time access to account details, assignments, reports, and all pertinent account information.

Features available with AMP include:

- Dosimeter registration
- Management of accounts, dosimeters, locations and users

Technical Specifications	instadose Dosimeter
Description	Direct Ion Storage device
Badge Type	31= instadose 1
Accreditations/Approvals/Licenses	In the United States under NVLAP (lab code: 100555-0) in the UK under HSE (DS 49/2010) and various other country accreditations/ approvals
Minimum Reportable Dose	3 mrem (0.03 mSv) 1 mrem (0.01 mSv) upon request
Lower Limit of Detection	1 mrem (0.01 mSv)
Useful Dose Range	1 mrem - 500 rem* (0.01 mSv - 5 Sv)
Energy Response	Photon 5 keV - 6 MeV

* the instadose device can be read at your facility up to a cumulative dose of 12 rem (0.12 Sv), for exposures exceeding this limit or used outside of occupational monitoring the device would need to be sent to Mirion Technologies Dosimetry Services Division (DSD) for processing /reporting, additional fees may apply.

© Copyright 2013, All rights reserved. For trademark and registered trademark information. Specifications are subject to occasional change, please ask for confirmation of the information given in this publication. This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation



How to open a badge



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