



Instadose Dosimetry

Smart Radiation Monitoring Solution



MIRION
TECHNOLOGIES

PERSONAL RADIATION MONITORING FOR OCCUPATIONALLY EXPOSED STAFF

Instadose dosimetry is a smarter radiation monitoring platform that is simplifying administration, reducing costs and transforming how staff are monitored and safeguarded from radiation over-exposure.



ADVANCED SMART MONITORING & BLUETOOTH TECHNOLOGIES

Capture, measure, transmit, analyze, and report radiation dose exposure anytime, as often as needed.

INSTANT – access to on-demand dose reads and measurement data. Featuring Bluetooth® Technology to quickly, easily, remotely transmit radiation dose data via smart devices, PCs, and hotspot stations.

PRECISE – measurements based upon two proprietary technologies (Direct Ion Storage (DIS) and SmartMonitoring™) that enable high sensitivity and accuracy with robust monitoring, tracking, and trending capabilities.

SMARTER – reporting and tracking allows users to pinpoint high dose exposures and anomalies faster with anytime, anywhere access to both current and historical dose measurements and reports online.



FEATURES

- On-demand dose results
- Unlimited dose reads
- Eliminates the time-consuming badge collection, return and redistribution process
- Automatic, calendar-set reading intervals for dose trending
- Tracks dose for high-risk employees – enabling improved dose controls
- Automated email notifications when a dose exceeds a user specified level or when communication is overdue
- Immediate online badge reassessments and account management
- Immediate visibility of dose data (current and historical) on your smart device (phone or tablet) or PC
(Upon successful communication – requires proximity to an enabled transmission source.)
- Improves compliance and reduces program monitoring costs
- PPI (Protected Personal Information) safe as no personal information is contained on or transmitted by the dosimeter



TRANSMISSION METHODS

Wireless transmission of dose data from Instadose+ and Instadose 2 dosimeters is enabled using a smart phone or tablet (with the Instadose App downloaded) or the Instadose line of communication products: InstaLink™-USB or InstaLink hotspot station.



Instadose
Mobile App



InstaLink
USB



InstaLink
Hotspot

SPECIFICATIONS

Description

- Single Detector [Deep: Hp(10)]
 - Direct Ion Storage (DIS) Technology
 - Bluetooth® Wireless Technology

Size & Weight

- Top: 1 x 1 in. (2.54 x 2.54 cm); Bottom: 2 x 2 in. (5.08 x 5.08 cm)
 - Wt: 0.8 oz (0.02 kg)

Badge Type

- 37 = Instadose+ badge

Accreditations

- In the United States under NVLAP (lab code: 100555-0)
 - In the U.K. under HSE
 - Various other countries

Minimum Reportable Dose

- 5 mrem (0.05 mSv) (3 mrem available upon request)

Useful Dose Range

- 1 mrem - 500 rem* (0.01 mSv - 5 Sv)

Energy Response

- Photon 5 keV - 6 MeV

Temperature Range

- Best if used and stored in indoor, room temperate environments between 50-86 °F (10-30 °C)

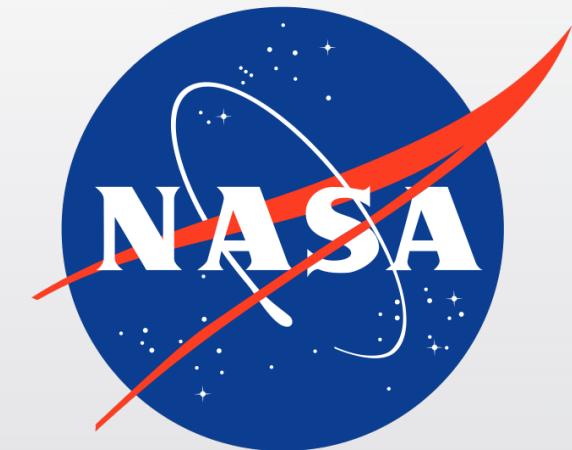


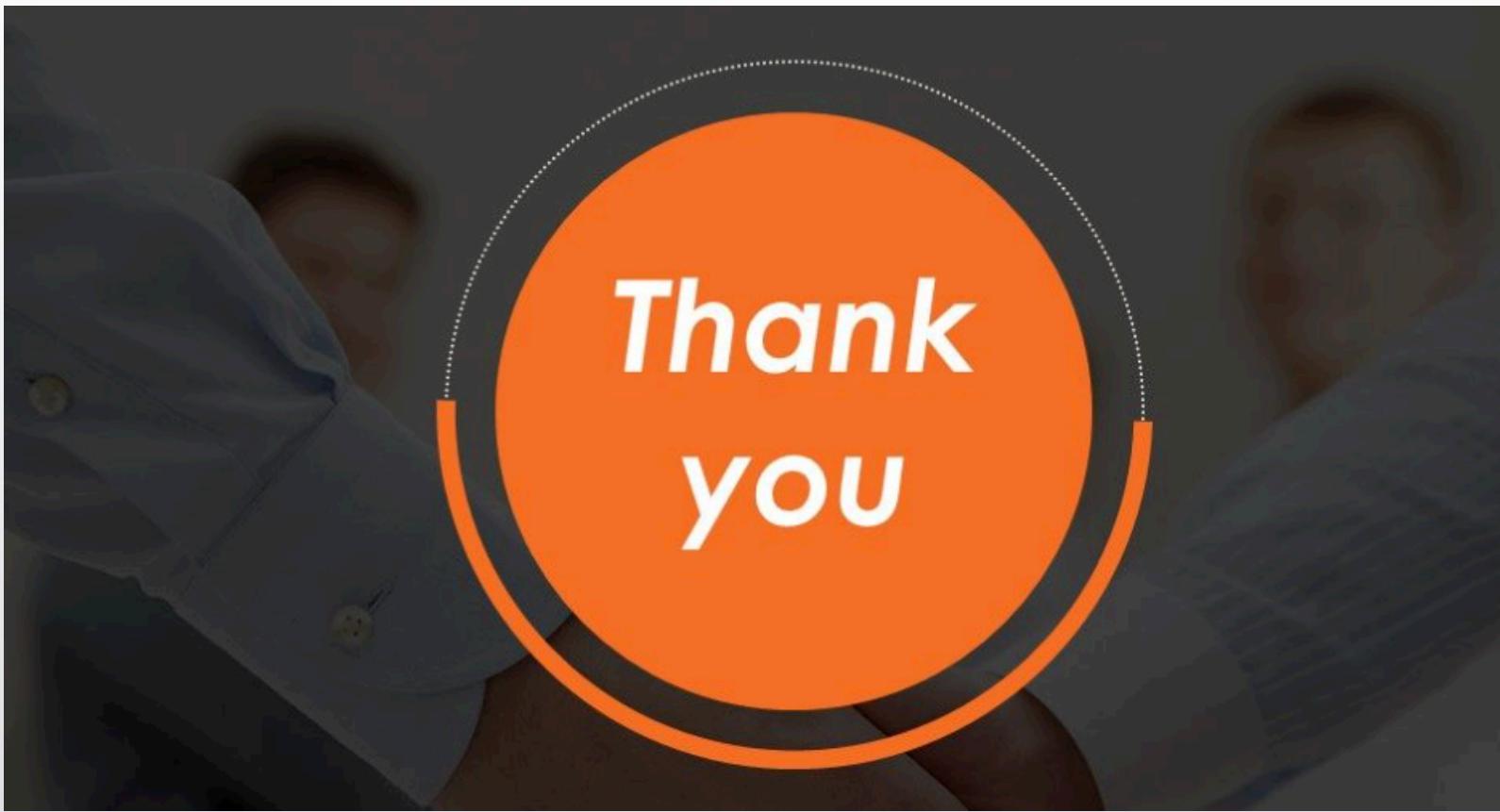
Occupational Radiation Summary Report												Information to be Provided by the Reporting Facility			
Facility Name	Address	Facility ID	State/Other Location & Code												
Location Information															
Address - Institutional Test															
State/Other Location & Code															
MIRION LABORATORIES, INC., RIVERDALE, IL 60471															
USA															
Radiation Sources															
Type of Measurement	# of Sources	Source Number	Radiation Type Measured												
			Alpha	Beta	Gamma	Neutron	Alpha	Beta	Gamma	Neutron	Alpha	Beta	Gamma	Neutron	
External Radiation															
Internal Radiation															
Alpha															
Beta															
Gamma															
Neutron															
Total															
Comments															
Signature of Facility Representative															



instadose®
PERSONAL DOSIMETER

Safeguarding
NASA astronauts.





A dark, slightly blurred photograph of two individuals in business attire shaking hands. The person on the left is wearing a light-colored button-down shirt, and the person on the right is wearing a patterned tie. A large orange circle with a white dotted border and a thick orange outline is centered over the handshake area. Inside the circle, the words "Thank you" are written in a bold, white, sans-serif font.

Thank
you