

Instadose®VUE

Wireless Dosimeter

Photon + Beta + Neutron



The Instadose®VUE utilizes Bluetooth® Low Energy (BLE) to wirelessly transmit radiation exposure data, eliminating the need for mail-back badge processes while providing flexible information access.

Exposure Reporting and Feedback at Your Fingertips

- Configurable automatic, calendar-set dose read intervals can be programmed to the reporting schedule you select
 - weekly, monthly, quarterly, or custom wear periods
- Perform on-demand dose reads anytime
- Access to both current and historical exposure data online via any internet-enabled device
- Prompt risk mitigation is facilitated by on-demand data access, which enables earlier intervention



Reduce Costs & Waste

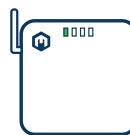
- Employees keep their assigned dosimeters, eliminating the need for collecting and redistributing dosimeters every wear period
- When staff changes occur, badges can be efficiently assigned or reassigned
- Reduces environmental impact by decreasing the frequency of manufacturing and processing dosimeters

Additional Features & Benefits

- Electronic display enables immediate viewing of wearer information, dosimeter status, and communication feedback
- Compliance Star indicator for monitoring active use
- Daily exposure tracking for identifying trends and anomalies
- Automated email alerts for high-dose exposures
- No Protected Personal Information (PPI) is conveyed by the dosimeter

Instadose Communication Devices

- InstaLink™3 Gateway: Ideal for facilities with multiple dosimeters
- Instadose Companion Mobile App: Available for free on both Google Play and Apple App Store



InstaLink™3 Gateway



Instadose Companion Mobile App



InstadoseVUE Display Screen



Instadose®VUE | Wireless Dosimeter Photon + Beta + Neutron

Specifications	Instadose®VUE Photon	Instadose®VUE Beta	Instadose®VUE Neutron
Description	Single Detector [Deep: Hp(10)]	Dual Detectors: Deep: Hp(10) + Shallow: Hp(0.07)	Three Detectors: Deep: Hp(10) + Shallow: Hp(0.07) + Deep Neutron: Hp(10)
	Direct Ion Storage (DIS) Technology, Instadose Smart Monitoring™ Platform, Bluetooth® Low Energy (BLE) Technology		
Size & Weight:	With clip: 1.43" (36.2 mm) L. x 1.16" (29.5 mm) W. x 2.52" (64.02 mm) H. Without clip: 1.43" (36.2 mm) L. x 0.575" (14.6 mm) W. x 2.52" (64.02 mm) H. Weight: 1.633 oz. (46.3 g.)	With clip: 1.46" (37) mm L. x 1.26" (32 mm) W. x 3.07" (78 mm) H. Without clip: 1.46" (37 mm) L. x 0.71" (18 mm) W. x 3.07" (78 mm) H. Weight: 1.83 oz. (52 g.)	With Clip: 1.90" (48 mm) L. x 1.42" (36 mm) W. x 3.56" (90.4 mm) H. With Belt Loop: 1.90" (48 mm) L. x 1.58" (40.2 mm) W. x 3.56" (90.4 mm) H. Without Clip: 1.90" (48 mm) L. x 0.87" (22 mm) W. x 3.56" (90.4 mm) H. Weight: 3.04 oz. (86 g.)
Badge Type	45 = InstadoseVUE Photon	46 = InstadoseVUE Beta	47 = InstadoseVUE Neutron
Minimum Reportable Dose	Photon: 5 mrem (0.05 mSv)	Photon: 5 mrem (0.05 mSv) Beta: 7 mrem (0.07 mSv)	Photon: 5 mrem (0.05 mSv) Beta: 7.5 mrem (0.075 mSv) <i>3 mrem available upon request</i> Neutron: 20 mrem (0.2 mSv)
Useful Dose Range	5 mrem – 500 rem* (0.05 mSv – 5 Sv)	5 mrem - 500 rem* (0.05 mSv - 5 Sv)	5 mrem - 500 rem* (0.05 mSv - 5 Sv)
Energy Response	Photon 20 keV - 7 MeV	Photon: 20 keV to 7 MeV Beta: 70 keV to 0.935 keV	Photon: 20 keV to 7 MeV Beta: 70 keV to 0.935 keV Neutron (<i>configurable</i>): 2.5 E-8 MeV to 14 MeV
Accreditations	In the United States under NVLAP Accreditation (lab code: 100555-00)	In the United States under NVLAP Accreditation (lab code: 100555-xx) PENDING	In the United States under NVLAP Accreditation (lab code: 100555-C2) PENDING
Temperature Range	Best if used and stored in environments between 41 to 113 °F (5 to 45 °C)	Best if used and stored in environments between -7.6 to 131 °F (-22 to 55 °C) <i>Note: display not operational below 0 °C</i>	Best if used and stored in environments between -7.6 to 131 °F (-22 to 55 °C) <i>Note: display not operational below 0 °C</i>

* Instadose®VUE dosimeters can be read at your facility up to a cumulative dose of 500 mSv (50 rem). For exposures exceeding this limit, or when used outside of occupational monitoring, the dosimeter would need to be sent to Mirion Dosimetry Services for processing and reporting. Additional fees may apply.

FCC Compliance Statement

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.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Canadian Compliance Statement

This device contains license-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada license-exempt RSS(s). Operation is subject to the following two conditions:

(1) This device may not cause interference.

(2) This device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

L'appareil ne doit pas produire de brouillage;

L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.



www.mirion.com/dosimetry-services