

ADVANCED TECHNOLOGY FOR A SAFER WORLD

instadose Digital Dosimetry System



WHAT IS INSTADOSE™

Instadose™ brings radiation monitoring into the digital age. Smaller than a flash drive, this rugged dosimeter provides an instant read-out when connected to any computer with internet access via a USB connector.

This revolutionary device provides radiation workers with complete control over when and how frequently they get their readings, with unlimited readings included for one low price. Concerns about a possible exposure can be addressed immediately, as opposed to other badge services which provide readings on a quarterly or monthly basis.

Based upon patented direct ion storage technology, *instadose* includes access to each user's historical and current exposure readings. There is no need to send badges to a processing center, simplifying administration and reducing costs.

HOW THE DEVICE WORKS

Instadose is a small, rugged dosimeter based on patented direct ion storage technology. This breakthrough technology provides radiation workers with a precise measurement of radiation dose and includes accurate long-term exposure tracking. A built-in memory chip stores each user's identity via an embedded unique serial code that is assigned to the user. It allows users to have the flexibility to view their radiation dose at any time from computers with internet access. Readings are enabled by a USB compatible detector. Once a user receives *instadose* they must first register at: www.Instadose.com. During the registration process the *instadose* driver and client are installed on the users' computer and the device is initialized for use.

When a user wishes to obtain a reading they simply log-in to their account, plug-in *instadose* to a USB port and on the homepage click on the computer image with the message "Plug in your *instadose* device now and click here to get an instant reading". The accumulated dose stored on *instadose* is processed through a proprietary algorithm. This fully automated transfer of data minimizes the chance of human error and misidentification. Once complete a graphical representation of the current dose will load on the screen. Users can also view their cumulative dose level by clicking "View Cumulative Dose."

A variety of reports are available for download through AMP (Account Management Program)." The reports include:

- Radiation Exposure Summary Report
- History Detail Report
- Who Has Not Read Their Device

TECHNICAL SPECIFICATIONS *

Badge name	instadose
Badge Type	1=instadose 1.0
Description	Direct Ion Storage device with USB connector
Holder Type	Whole body
Wear Location	Collar, upper torso or fetal region
Minimum Reportable Dose	3 mrem (0.03 mSv)
Lower Limit of Detection	1 mrem (0.01 mSv)
Useful Dose Range	3 mrem - 500 rem (0.03 mSv - 5 Sv)
Energy Response	Photon 15 keV - 6 MeV
Accreditations/Approvals/ Licenses	For the scope of accreditation under NVLAP Lab Code 100555-0

*Technical specifications subject to Change.

instadose

AMP - THE FUTURE OF DOSIMETRY SERVICE

AMP (Account Management Program) provides customers with secure online account management. It's fast, simple, and free!

The best way to safeguard your employees' health, is to use an Instadose™ dosimeter device. Knowing the real time and cumulative dose levels of your employees ensures their safety and protects your practice from potentially damaging liability claims. A documented record of consistently safe dose levels will prove enormously valuable if a question were ever to arise about radiation safety.

With AMP you have fast easy access to up-to-the-minute exposure reports. Never again will you have to send in your badges for processing to receive radiation exposure reports. Now anytime there is a concern of radiation exposure a user can login to their secure account page and check their dose levels. Devices can be read on any computer with internet access and a USB connection. All readings are maintained on a secure server where the privacy of wearer personnel and dose information is assured.

WITH AMP, YOU CAN:

- View exposure readings for every authorized user
- Re-assign a single badge to multiple users
- Manage how frequently devices are read
- Read devices on any computer with a USB port and internet access
- Update account information



WHO NEEDS INSTADOSE

Federal and State regulations limit the amount of radiation that workers are allowed to receive. Radiation monitoring should be considered for those who work in occupations where risks may be prevalent due to exposures from X-ray equipment or in labs where radioactive materials are utilized. Constantly measuring radiation dose with *Instadose*, is a great way to show your employees you care about their health and safety. *Instadose* falls under the scope of accreditation under NVLAP Lab Code 100555-0 accredited and is in compliance with ANSI HPS N13.11 2001 through performance testing.

HOW OFTEN SHOULD I READ MY INSTADOSE

As part of a good As Low As Reasonably Achievable (ALARA) program it is recommended devices be read once a week. Using the principles of ALARA means doing everything you can to minimize the affects of radiation to yourself and your patients.

WHAT DOES IT COST

The annual subscription plan includes unlimited reads, and access to our real-time streaming news that is tailored to your industry. Quantity discounts are available for accounts with over 20 users. Please contact us to obtain pricing information. Subscriptions will be automatically renewed and charged upon expiration.

There are no charges for set-up, annual maintenance or administrative fees. On AMP you can access Radiation Exposure Summary Reports without every having to ship your *instadose* units back!

