

# instadose™

BY QUANTUM PRODUCTS



## Instant. Precise. Portable.

The instadose™ dosimeter from Quantum Products brings radiation monitoring into the digital age. Smaller than a flash drive, this rugged, fully accredited dosimeter provides an instant read-out when connected to any computer with internet access and a USB connection. Based on a patented direct ion storage technology, instadose devices provide radiation workers with a precise measurement of radiation dose.

Instadose comes in fashionable colors:

- Blue
- Green
- Silver
- Pink
- Black

### ***Advantages for the Practice***

A monitoring program with the instadose device and service is a cost-effective way to safeguard your practice from potential legal claims. Employees will be more likely to wear this stylish device, and you can reassure them of their safety and stay in compliance with Federal and State regulations at the same time.

Simplify the administration of your monitoring program. With instadose devices there is no need to send badges to a processing center, as these devices stay with your employees. You will spend less time managing your account with our robust online account management program and dose reading capabilities.

### ***Advantages for the Radiation Worker***

This revolutionary device provides radiation workers with complete control over when and how frequently they review their dose, with unlimited readings included for one low price. Concerns about a possible exposure can be addressed immediately, as opposed to other services which provide readings on a quarterly or monthly basis. Instadose devices can be re-read without loss of exposure data, with cumulative exposure maintained.

## Instant Dose Readings

With AMP (Account Management Program), you will have easy access to up-to-the-minute exposure reports. If there is ever a concern of radiation exposure, you can log in to your secure account page and check your dose level. Devices can be read on any computer with a USB connection and internet access.

Account administrators can also manage all the elements of a radiation monitoring program with AMP. From account administration to managing individual wearers, devices, and locations, AMP provides real-time access to account details, device assignments, reports, and pertinent account information.

AMP has multiple security levels, restricting users within an account from viewing other wearers' data or changing account information. Users can only perform readings for devices assigned to them.

With AMP, administrators can:

- View current and historical exposure readings
- Perform readings for devices within the account
- View graphical representation and comparative review of user exposure readings
- Manage how frequently devices are read
- Update account information

## PRODUCT COMPARISON

	instadose	Luxel dosimeters	TLD dosimeters
<b>Instant reading of dose</b>	X		
<b>Measures exposure to gamma and x-ray</b>	X	X	X
<b>Multiple reads</b>	X	X	
<b>No need to send badges in for processing</b>	X		
<b>No reader required</b>	X		



### APPLICATIONS

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. Instadose is the perfect device to measure photon dose.

### FEATURES

- USB compatible detector
- Lower limit of detection: 1 mrem
- Instant read results
- Each instadose dosimeter has a unique identifier

### TECHNICAL SPECIFICATIONS\*

Badge name	instadose dosimeter
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	NVLAP (Code: 100555-0) HSE (United Kingdom)

\*Technical specifications subject to change.

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