NEW



TwoStep[™]-Gas II

Whole Body Contamination Monitor









Homeland Security & Defense



Industrial and Manufacturing



Healthcare



Labs and Education



The TwoStep™-Gas II is a whole body contamination monitor on the basis of gas flow proportional detector technology to check for alpha, beta and gamma (optional) contamination of personnel.

The monitor features an innovative design of gas flow detectors with exceptionally small dead zones. This results in an outstanding measurement homogeneity and in very low detection limits.

The standardized gas flow detectors are fastened by a simple snapping mechanism - for an economic and robust operation with minimal downtime.

KEY FEATURES

- Economic & robust operation
- Smallest possible dead zones, outstanding detector sensitivity and homogeneity
- Superior performance due to proven TwoStep™ geometry
- Intuitive usage and interactive user positioning
- Minimal operation and maintenance cost
- Standardized detectors, quick & easy repairs
- Modern design, touch screen and LED lighting
- Uninterruptible power supply
- User-dependent compensation of background-shielding (optional)
- Alpha/beta discrimination (optional)
- Gamma detection (optional)
- Radon compensation (optional)

Health Physics

FUNCTIONALITY

The TwoStep™-Gas II is designed for high performance personnel contamination screening in nuclear environments.

The innovative design of the monitor and the gas flow detectors ensures the smallest possible dead zones, resulting in decreased detection limits and a homogeneous response over all detector elements. A simple snapping meachanism allows fast changes of the detector foils, for easy & quick repairs.

This combines with a state-of-the-art data processing, which even takes into account weight and size of the user (automatically measured) to compensate for user dependent background-shielding (optional).

USER BENEFITS

High throughput

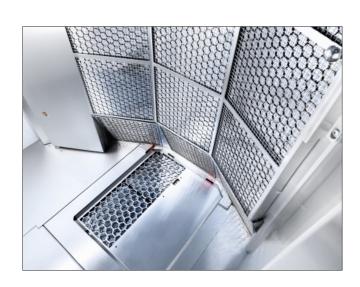
- Fast measurement process thanks to high detector sensitivity
- P²-accelerator reduces measurement time by up to 30%
- Robust real-time multi-tasking operating system QNX

Economic operation and maintenance

- Less electronic parts than conventional body monitors
- Rigorous standardization for reduced pool of spare parts
- Software maintenance tools proven over the CheckPoint:Body™ family of monitors
- Easy & quick changes of detector foils
- · Automatic address setting of each detector

Ability to network

 Connect to CeMoSys[™] for centralized monitoring (optional)



TECHNICAL SPECIFICATION

	Outer dimensions	Height: 2410 - 2600 mm, width: 1220 - 1335 mm, depth: 800 - 1000 mm (other dimensions possible)
	Detectors	34 gas flow proportional detectors for alpha and beta measurement, optional GammaFibre™ detectors
	Display and user	Wide 15" touch screen display and audio guidance

OPTIONS

GammaFibre™ detectors

Small items measuring box

Moveable head detector

User-dependent compensation of background-shielding

Radon compensation

Alpha/beta discrimination

Many other accessories and upgrades are available

- contact us at www.mirion.com

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