



# FloorSweep-Fibre™ II

Large Floor Area Contamination Monitor



Nuclear  
Power



Homeland  
Security  
& Defense



Industrial and  
Manufacturing



Healthcare



Labs and  
Education

**NEW**

## OVERVIEW

The FloorSweep-Fibre™ II is designed for large floor area monitoring of beta contamination (alpha discrimination optional) inside and outside buildings.

The monitor is equipped with 4 BetaFibre™ detectors with a total detection area of 1940 cm<sup>2</sup>. The detectors are located in the flat front part, thus being easily able to access all areas to be measured.

The easy-to-manoevre bogie is equipped with 4 rugged and smooth-running wheels - well suitable for outdoor usage.

## KEY FEATURES

- High sensitivity (40 Bq/Co-60)
- Beta detection
- Alpha discrimination as an option
- Plug-and-play operation
- Low costs in maintenance and operation due to fibre technology
- Special background filter adapts easily to various conditions

Health Physics

## FUNCTIONALITY

The FloorSweep-Fibre™ II is easy to work with due to an intuitive user software (also see Mirion App). The monitor operates in continuous measurement mode. Alarms are indicated on the display as well as by an acoustic signal.

The ground clearance can be adjusted via lever from 4 to 67 mm above ground.

## MIRION APP

A 10" tablet PC with Mirion App installed, provides a data base for all measurements. It allows checking current measurements, configuring the system, plus editing parameters. Current measurements are displayed live. They are stored stating current time, measurement time, and result. Additional comments and/or photos can be added. Operating the application is very simple and can be done by anyone (in charge) via touch display.

## MIRION FIBRE TECHNOLOGY

The state-of-the-art Mirion fibre detector technology is developed for highest performance requirements: the scintillating fibre detectors feature the lowest area of dead zones in the market. This results in an exceptionally high uniformity of measurement and an outstanding sensitivity. The reliable detector elements are fastened by a simple click & play mechanism - for an economic and robust operation with minimal downtime.

## TECHNICAL SPECIFICATION

Dimensions	ca. 1430 x 1060 x 500 mm
Weight	ca. 50 kg
Detectors	4 BetaFibre™ detectors
Sensitive detection area	1940 cm <sup>2</sup>
Protection rating	IP63 (monitor)
Compliance	IEC 60325



Fig. 1: FloorSweep-Fibre™ II from above



Fig. 2: FloorSweep-Fibre™ II from below with sight of detectors

### > GERMANY - HAMBURG

T: +49 40 85193 0 | F: +49 40 85193 256 | E: hamburg-sales@mirion.com

### > USA - SMYRNA, GEORGIA

T: +1 770 432 2744 | F: +1 770 432 9179

### > FRANCE - LAMANON

T: +33 490 595959 | F: +33 490 595518

### > FINLAND - TURKU

T: +358 2 4684 600 | F: +358 2 4684 601

### > CHINA - SHANGHAI

T: +86 21 6180 6920 | F: +86 21 6180 6924

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