

Model HFC-8

Robust and Portable Hand-Foot-Clothing Monitor with Touch-Screen Display

The Model HFC-8 is a compact hand, foot, and clothing monitor to measure personnel leaving controlled areas. Robust, with a removable probe and spring-loaded hand detectors, the Model HFC-8 is designed for portability between different areas. Featuring a detector arrangement to measure hands and feet in one measurement step, the Model HFC-8 integrates the latest technology and design, while meeting industry and regulatory standards.

The standard unit consists of:

- 8 beta plastic detectors with semiconductor readout, one hand detector is a removable probe
- Robust stainless-steel housing
- Ergonomic detector positioning
- Integrated 12 in. touch-screen display
- Automated measurement process with audio-visual user guidance
- Latest industry-controller technology
- Power provided by UPS for measurements during power outages



Key Features

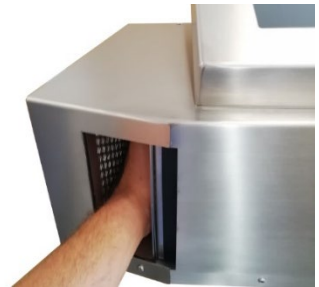
- Intuitive User-Friendly Software
- Spring-Loaded Hand Detectors for Reliable Contact with the Hand Surfaces
- Compact Footprint with Easy Access to the Service Cabinet
- Modern Touch-Screen Display
- Stainless Steel Housing for Easy Cleaning and Durability
- Access to Historical Measurement Data via Integrated Database
- Export of Measurement/Parameter Data in XML Format via USB
- Remote Access via Web Browser Interface

Hand/Foot Contamination Monitor

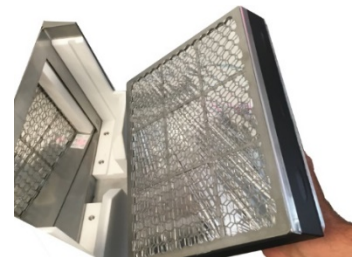
Standards:	The monitor is compliant with the following standards: IEC61098, ISO11929, CE, CSA / UL, EMC directive
Detectors:	8 beta plastic detectors Active area (per measurement): 2,400 cm ² (372 in ²)
User Software:	Automated measurement process with voice guidance for users. Web based for remote RPO access.
Electronics:	Touch-screen industry-controller incl. network connection
Housing:	Stainless steel Service-door from the front
Sensors:	2x hand and 2x foot sensors One hand-detector removable as probe
Ext. Dimensions:	1,493 x 642 x 710 mm (58.8 x 25.3 x 30 in.) (H x W x D)
Weight:	approx. 220 kg (485 lb)
Power Supply:	External power supply 100 – 240 V, 1.6 A max / 24 V, 5 A output



Touch-Screen Display



Spring-Loaded Hand-Detectors



Removable Hand-Detector

Additional Options

Ludlum GmbH offers a range of additional options to enhance the capabilities of the monitor:

- Alpha/Beta discrimination by ZnS detectors
- Various configurations e.g. card reader connection, lights, interfaces, etc.



DMa-SKn; 25.03.2021; HFC-8_en