

HFC-8

robust and portable Hand-Foot-Clothing Monitor with touch-screen display

The 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 HFC-8 has been developed for portability between different areas. Featuring a detector arrangement to measure the hands and feet in one measurement step, the HFC-8 integrated the latest technology and design, whilst meeting official standards.

The standard unit consists of:

- 8 Alpha-/Beta-/Gamma-plastic channels with semiconductor readout, one of them as removable hand probe
- Robust stainless-steel housing
- Ergonomic detector positioning
- Integrated 12" touch-screen display
- Fully automated measurement process with audiovisual operator guidance
- Latest industry-controller technology
- Power provided by UPS for several measurements during mains power outage



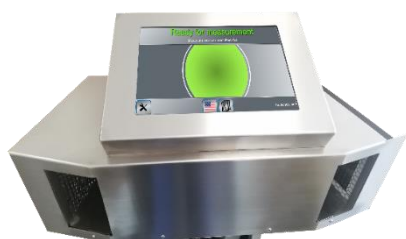
Key Benefits

- Intuitive user-friendly Software
- Spring-loaded hand detectors for reliable contact to 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
- Access to historical measurement data via integrated database

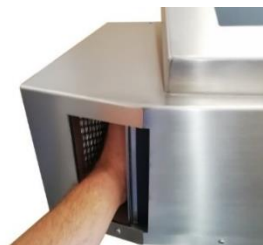
Standards:	The Monitor is compliant with the following Standards: IEC61098, CE, CSA / UL or EMC, ISO11929
Detectors:	8 Alpha-/Beta-/Gamma-Plastic-Channels Active area (per measurement) 2.400 cm ² , Hand detectors with 15*20cm ² Foot detectors, double channel with 40x15cm ²
User Software:	Fully automated measurement process with voice guidance for users. Web based for remote access
Electronics:	Touch-Screen Industry-Controller incl. Network connection
Housing:	Stainless Steel Service-door from the front
Sensors:	2x Hand und 2x Foot Sensors One Hand-Detector removable as probe
Ext. Dimensions:	1.493mm x 642mm x 710 mm (H x W x D)
Weight:	approx. 60 kg
Power Supply:	24V via 110 - 240V power adapter Uninterruptable power supply



Software Screenshots



Touch-Screen Display



Spring-loaded hand-detectors



Removable Hand-Detector

Additional Options

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

- Alpha discrimination by ZnS
- Beta- and Beta-/Gamma-Hybrid detectors
- A revolution in contamination measurement on the medical market: Special module HFC-8^{MED}
- Gas-flow detectors
- Control of barriers and doors via relay interface
- Various configurations e.g. card reader connection, lights, interfaces, ...



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