

HF-2S stationary and space-saving Hand-Foot-monitor with foldable detectors



The HF-2S is a newly developed, wall-mounted hand-foot-monitor designed for personnel contamination measurements. Thanks to its innovative, foldable detectors, it can also be used in narrow passageways – ideal for areas with limited space or for emergency-only use. Equipped with an uninterruptible power supply and a robust industrial design, the monitor offers maximum flexibility depending on the version – featuring alpha/beta-discriminating, beta-, or beta-gamma hybrid scintillation detectors.

The standard unit consists of:

- Two alpha/beta/gamma plastic detectors as scintillation detectors using semiconductor technology
- Robust stainless-steel housing for wall mounting
- locking mechanism for fold-out detectors
- Ergonomic arrangement of the detectors
- Integrated 12" touch-screen display
- Fully automated measurement process with audiovisual operator guidance
- Latest industrial PC technology
- Bridging of the power supply using internal UPS in the event of faults, fluctuations, or power failure



Key Benefits

- Intuitive user-friendly software
- If the monitor is not in use, the detectors can simply be folded up.
- Compact footprint with easy accessible service area
- Modern touch-screen display
- Stainless steel housing for easy cleaning and durability
- MTP booster for reduced measurement time
- Extensive software program for parameter configuration, detector analysis and much more
- Export of measurement/parameter data in XML format via USB
- Access to historical measurement data via integrated database with a huge ring memory
- Sturdy cable routing, can be used as support handle

Standards:	The Monitor is compliant with the following standards: DIN ISO61098, DIN25457, KTA1505, EMC, ISO11929
Detectors:	2 alpha-, beta-, beta-gamma hybrid-plastic-detectors Hand detector area (per measurement): 300 cm ² Foot detector area (per measurement): 600 cm ²
User Software:	Intuitive touch-screen user interface, fully automated, voice-guided measurement sequence, measurement results with display of activity and position, Display Software (Linux), Access to HMC Supervision software
Elektronics:	Industrial PC with network connection
Housing:	Stainless Steel
Sensors:	1x Hand and 1x Foot sensors 2x Sensors for detector position
Ext. Dimensions:	1700 mm x 600 mm x (204/505) mm (H x W x D (folded/unfolded))
Weight:	approx. 45 kg
Power Supply:	110/230V wide-range power supply, incl. Uninterruptable power supply (internal supply via 24V)
Connections:	2x USB 1x RJ45 (LAN)



Touchscreen - Display



hand detector folded

Additional Options

In addition to the extensive standard equipment, a range of additional options are available to expand the functions, e.g.:

- Alpha discrimination through ZnS coating
- Beta and beta/gamma-hybrid detectors
- Connection to HMC Supervision software
- Portable version available as an option



Connections

