LUDLUM

HFC-8

Hand, foot and clothing monitor

Compact hand, foot and clothing monitor for personnel leaving controlled areas. Eight detectors measure the hands and feet in one step, and one of the hand detectors can be removed and used as a probe. Available with beta, beta-gamma or alpha/beta detectors.



Active area
2,400 cm² per measurement; hand detectors 300 cm², foot detectors 600 cm² [1]

Energy range
Beta approx. 0.15–2 MeV; alpha approx. 3–6.5 MeV with HAP detectors [1]

Weight
Approx. 60 kg [1]

Specifications

Detectors	8 beta, beta-gamma or alpha/beta plastic detectors	[1]
Active area	2,400 cm² per measurement; hand detectors 300 cm², foot detectors 600 cm²	[1]
Energy range	Beta approx. 0.15–2 MeV; alpha approx. 3–6.5 MeV with HAP detectors	[1]
Dimensions	1,493 x 642 x 710 mm (H x W x D)	[1]
Weight	Approx. 60 kg	[1]
Power supply	24 V via 110–240 V ±10% power adapter, with uninterruptible power supply (UPS)	[1]
Standards	IEC61098, CE, CSA / UL or EMC, ISO11929	[1]

Sources

[1] **HFC-8 Hand, Foot, and Clothing Monitor**
Ludlum Measurements · product-page · Specifications – Detectors; Specifications – Energy Ranges; Specifications – Ext. Dimensions · checked 2026-11-17
https://ludlumgmbh.com/en-us/products/contamination-monitors/product/hfc-8

Every value is taken from the manufacturer's own document; the number after the value refers to the source list. Always check against the latest datasheet before ordering.

The data comes from the manufacturer's published documents. Manufacturers may change specifications; the current configuration and performance are confirmed in the quotation.