LUDLUM

HBP-29

Whole-body monitor with 29 detectors

Whole-body contamination monitor for personnel leaving controlled areas. 29 beta plastic detectors with semiconductor readout measure the body in two steps, and energy filter settings are used to discriminate background radiation.



Active area

14,036 cm² per 2-step measurement [1]

Weight

220 kg including back wall; 550 kg with gamma detectors and lead [1]

Specifications

Detectors	29 beta plastic detectors or 29 alpha/beta plastic detectors	[1]
Active area	14,036 cm² per 2-step measurement	[1]
Dimensions	2195.5 x 900 x 840 mm (H x W x D)	[1]
Weight	220 kg including back wall; 550 kg with gamma detectors and lead	[1]
Power supply	110–230 V, 0.7 A, with internal uninterruptible power supply	[1]
Standards	IEC61098, ISO11929, CE, CSA / UL, EMC directive	[1]

Sources

[1] **HBP-29 Body Contamination Monitor**
Ludlum Measurements · product-page · Specifications – Detectors; Specifications – Ext. Dimensions; Specifications – Weight · checked 2026-11-17
https://ludlumgmbh.com/en-us/products/contamination-monitors/product/hbp-29

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.