

Model HBP-29

Compact, Ergonomically Designed Whole-Body Monitor

The Model HBP-29 is a whole-body contamination monitor designed to measure personnel leaving controlled areas.

Standard features include:

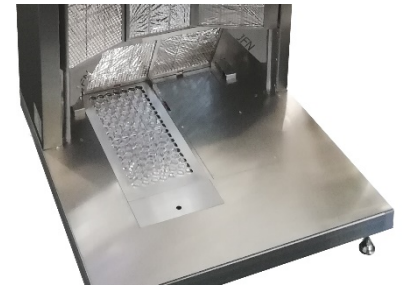
- 29 beta plastic detectors with semiconductor readout
- Stainless steel housing for easy cleaning and durability
- Ergonomic detector positioning
- Hand-detector on the side
- Integrated 17 in. touch-screen display
- Automated measurement process with audio-visual guidance
- Latest industry-controller technology
- Energy filter settings to optimize discrimination of background radiation
- Power provided by UPS for several measurements during power loss
- Designed to meet industry and regulatory standards



Key Features

- Intuitive User-Friendly Software
- Large Service Space in a Footprint of 900 x 840 mm (35.4 x 33.1 in.) (W x D) with Easy Access to the Service Cabinet
- Modern Touch-Screen Display
- Access to Ludlum's Test Tool Software for Detector Analysis
- Export of Measurement/Parameter Data in XML Format via USB
- Access to Historical Measurement Data via Integrated Database
- Remote Access via Web Browser Interface

Standards:	The monitor is compliant with the following standards: IEC61098, ISO11929, CE, CSA / UL EMC directive
Detectors:	29 beta plastic detectors or 29 alpha/beta plastic detectors Active area (per 2-step measurement): 14,036 cm ² (2176 in ²)
User Software:	Automated measurement process with voice guidance for users. Web based for easy RP office remote access.
Electronics:	Passage lighting and monitor status indicated with LED lights. Interlock relays with options for functionality with additional systems.
Housing:	Aluminum frame with stainless steel housing, Double-wing service door
Sensors:	Detection of person, feet, torso, and hands
Ext. Dimensions:	2195.5 x 900 x 840 mm (86.4 x 35.4 x 33.1 in.) (H x W x D)
Weight:	Standard, incl. back wall: 220 kg (485 lb) Option with gamma-detectors and lead: 550 kg (1,210 lb)
Power Supply:	110 – 230 V, 0.7 A, internal uninterruptable power supply



Foot-Detector with Sensors



Software Screenshots

Additional Options

Ludlum GmbH offers a range of additional options to enhance the capabilities of the monitor and to customize the instrument to your specific needs, including:

- Alpha/Beta discrimination by ZnS detectors
- Gamma detectors
- Lead shielding
- Automated entrance/exit control with driven barriers/doors
- Automated head detector for different user heights
- Dosimeter and card reader integration
- Small item monitor



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