LUDLUM

HWM-300

Free release monitor for goods up to 150 kg

Compact clearance monitor with a 350 litre chamber for materials and goods of up to 150 kg. Six gamma plastic detectors give 4π coverage, and the frame is powder-coated steel with an easy-to-clean stainless steel lining inside and outside.



Chamber volume	Weigh scale capacity	Weight
600 x 700 x 865 mm, 350 L [1]	**Up to 150 kg** [1]	**Approx. 1,875 kg; 1,200 kg with 10 mm lead, 3,025 kg with 50 mm lead** [1]

Specifications

DETECTOR

Detectors	6x gamma plastic detectors	[1]
Detector volume	> 117 L	[1]
Chamber volume	600 x 700 x 865 mm, 350 L	[1]

POWER & BATTERY

Power supply	24 V via external 110–240 V power adapter, with uninterruptable power supply (UPS)	[1]

MECHANICAL

Dimensions	1,813 x 890 x 1,157 mm (H x W x D), including handle and without lifting eye	[1]
Weight	Approx. 1,875 kg; 1,200 kg with 10 mm lead, 3,025 kg with 50 mm lead	[1]

GENERAL

Lead shielding	Standard 25 mm lead; option 10 mm or 50 mm lead	[1]
Weigh scale capacity	Up to 150 kg	[1]
Standards	CE, CSA / UL or EMC, ISO11929	[1]

Sources

[1] **HWM-300 Free Release Monitor**
Ludlum Measurements · product-page · Specifications – Detectors; Specifications – Chamber Volume; Specifications – Shielding · checked 2026-11-17
https://ludlumgmbh.com/en-us/products/clearance-monitors/product/hwm-300

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.