LUDLUM

HWM-400

Free release monitor for goods up to 150 kg

Compact clearance monitor with a 470 litre chamber for materials and goods of up to 150 kg. Six gamma plastic detectors give 4π coverage and the standard unit has 30 mm lead shielding.



Chamber volume	Weigh scale capacity	Weight
700 x 750 x 900 mm, 470 L [1]	**Up to 150 kg** [1]	**Approx. 2,550 kg; 3,350 kg with 50 mm lead** [1]

Specifications

DETECTOR

Detectors	6x gamma plastic detectors	[1]
Detector volume	> 125 L	[1]
Chamber volume	700 x 750 x 900 mm, 470 L	[1]

POWER & BATTERY

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

MECHANICAL

Dimensions	1,851 x 1,095 x 1,118 mm (H x W x D), including handle	[1]
Weight	Approx. 2,550 kg; 3,350 kg with 50 mm lead	[1]

GENERAL

Lead shielding	Standard 30 mm lead; option 50 mm lead	[1]
Weigh scale capacity	Up to 150 kg	[1]
Standards	CE, CSA / UL or EMC, ISO11929	[1]

Sources

[1] **HWM-400 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-400

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.