LUDLUM

HWM-400S

Free release monitor with a conveyor

Partly automated clearance monitor prepared for high throughput, with a 400 litre chamber for goods of up to 150 kg.
Manual conveyor system with an electrically driven door and a stand-alone control cabinet with a 12 in. touch screen.



Chamber volume	Weigh scale capacity	Weight
890 x 700 x 700 mm, 400 L [1]	**Up to 150 kg** [1]	**Approx. 2,850 kg; 4,000 kg with 50 mm lead** [1]

Specifications

DETECTOR

Detectors	6x gamma plastic detectors	[1]
Detector volume	> 125 L	[1]
Chamber volume	890 x 700 x 700 mm, 400 L	[1]

POWER & BATTERY

Power supply	230 V / 16 A / N / PE, with integrated UPS for controllers and PC	[1]

MECHANICAL

Dimensions	2,077 x 1,022 x 1,012.5 mm (H x W x D) without conveyor; control cabinet 1,932 x 600 x 600 mm	[1]
Weight	Approx. 2,850 kg; 4,000 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-400S 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-400s

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.