LUDLUM

HWM-38

Small article monitor

Shielded 38.5 litre measuring chamber for the release of tools, helmets, protective equipment, documents and measuring instruments weighing up to 50 kg. Four gamma plastic detectors are standard and six are an option, and multichannel energy analysis (MCEA) suggests the nuclide composition.



Chamber volume
281 x 352 x 390 mm, 38.5 L [1]

Weigh scale capacity
Items up to 50 kg [1]

Weight
Approx. 600 kg; 220 kg with 5 m m lead, 900 kg with 50 mm lead [1]

Specifications

DETECTOR

Detectors	4x gamma plastic detectors; 6 detector option	[1]
Detector volume	> 4.9 L per detector: 19.6 L with 4 detectors, 29.4 L with 6	[1]
Chamber volume	281 x 352 x 390 mm, 38.5 L	[1]

POWER & BATTERY

Power supply	24 V via external 100–240 V power adapter, with uninterruptable power supply (UPS)	[1]

MECHANICAL

Dimensions	961 x 657 x 785 mm (H x W x D), including door handles	[1]
Weight	Approx. 600 kg; 220 kg with 5 mm lead, 900 kg with 50 mm lead	[1]

GENERAL

Lead shielding	Standard 25 mm lead; option 5 mm or 50 mm lead	[1]
Weigh scale capacity	Items up to 50 kg	[1]
Standards	CE, CSA / UL or EMC, ISO11929, DIN25457	[1]

Sources

[1] **HWM-38 Small Article 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-38

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.