LUDLUM

HWM-21

Small article monitor

Shielded 21 litre measuring chamber for the release of tools, helmets, protective equipment, documents and measuring instruments. Two gamma plastic detectors measure the items inside a cassette-design lead shield, and energy filter settings discriminate background radiation.



Chamber volume
295 x 370 x 190 mm, 21 L [1]

Lead shielding
Standard 15 mm lead; option 30 mm lead [1]

Weight
Approx. 225 kg; 365 kg with 30 m m lead [1]

Specifications

Detectors	2x gamma plastic detectors	[1]
Detector volume	> 9.44 L	[1]
Chamber volume	295 x 370 x 190 mm, 21 L	[1]
Lead shielding	Standard 15 mm lead; option 30 mm lead	[1]
Dimensions	701.4 x 453 x 459 mm (H x W x D), without handles	[1]
Weight	Approx. 225 kg; 365 kg with 30 mm lead	[1]
Power supply	24 V via external 110–240 V power adapter, with uninterruptable power supply (UPS)	[1]
Standards	CE, CSA / UL or EMC, ISO11929	[1]

Sources

[1] **HWM-21 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-21

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.