

LEAD SHIELDING FOR G.M. DETECTOR

TYPE : LS 240

Technical Data

The Lead Castle Type : LS 240 is designed to shield the End Window G.M detector, housed inside a G.M. stand SG200, from the natural background radiation. This is essential for counting environmental / samples & other samples collected in a Radiological facility etc. This shield is of 40 mm thickness and is built up of FIVE interlocking middle rings. The top and bottom are covered by similar interlocking discs. A door is fitted in the bottom ring with 150 degree opening to facilitate easy access to the sample holding tray of G.M. Stand. The door is fitted with heavy duty hinges and the inner side of the lead shield is lined with thin aluminium sheet to minimize scattering.

**Dimensions**

- a. External : 200mm dia x 340mm height (approx)
- b. Internal : 120mm dia x 280mm height
- c. Weight : Approx. 88 Kgs.

Application : This lead shielding is designed to house G.M detector with stand, to shield detector from environment, to minimise natural background counts.

FILE_NAME : NSPL/DOC / DS / LS240/01

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