

**LEAD SHEILDING FOR BETA SCINTILLATION PROBE (Plastic scintillator based)**

TYPE : LS 241

**Technical Data**

The Lead Castle Type : LS 241 is designed to shield the plastic scintillator based Beta probe type BSP-2 from background radiation. The shield is of 40 mm thickness and is built up of six interlocking 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 Beta scintillation probe BSP-2. 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 370mm height (approx)
- b. Internal : 120mm dia x 320mm height
- c. Weight : Approx. 96 Kgs.

**FILE\_NAME : NSPL/DOC / DS / LS241/01****VER\_20070624**