

Technical Requirements for the Education Instruments Program

3. Enclosure Molding of Radiation Education Equipment Kits 2018

Table 1: Requirements for enclosure molding

Enclosure	Estimated Panel size (L x W x T) mm	Remarks	Qty.
Portable Surveymeter	120 x 80 x 25	Color: Black (Matte) Thickness: 1.5 mm minimum Grip: Rubber grip to the sides Front Panel Cutouts: 4 Compartments: Standard 9 V battery compartment accessible from the outside with a lid Material: Specify Design: An example design is given in the image 01 (image copyrights: Szomk Co.)	100
GM Counter	150 x 80 x 1	Color: Black (Matte) Thickness: 1.5 mm minimum Grip: None Front Panel Cutouts: 1 Front Window: A window of 150 x 60 mm should be a translucent (darkened) black acrylic (60%). Compartments: A cube shaped compartment to operate as 80 x 50 x 1 mm metal plate holder* Material: Specify Design: An example design is given in the image 02 (image copyrights: Szomk Co.)	100
Electric Cloud Chamber - Bottom	180 x 180 x 250 mm	Color: Black (Matte) Thickness: 1.5 mm minimum Grip: None Front Panel Cutouts: 6 Front Window: None Compartments: A cube shaped compartment to operate as 80 x 50 x 1 mm metal plate holder* Material: Specify Design: * specify	100
Electric Cloud Chamber – Top Casing	180 x 180 x 150 mm	Color: transparent Thickness: 1.5 mm minimum Grip: None Front Panel Cutouts: None Front Window: None Compartments: None Material: Specify Design: * specify	100
<ul style="list-style-type: none"> • The bidder must be responsible and must adhere to the ownership of the designs and intellectual property rights. • * special design requirements shall be designed by the bidder, following the guidance of the Sri Lanka Atomic Energy Board technical team • The designs may have irregular shapes. 			



Figure 1: Image 01



Figure 2: Image 02