



THE LAB EQUIPMENT

Email : sales@thelabequipment.com

Phone: +91-8759245890

Product Name :

Sealed Radioactive Source, Strontium

Product Code :

SLE/PHY/290



Description :

The active material is enclosed in metal foil fixed in a cylindrical mount provided with a stem of 4mm diameter.

The foil is further protected from accidental damage by a wire gauze cap over the open window' of the mount.

The nature and strength of each source is clearly engraved on its mount and it is also colour coded for identification.

Emissions: ?

Half-life: 28 years (strontium), 64 hours (yttrium)

Colour code: Yellow

Each is supplied in a small lead castle' in a suitably labelled MDF storage box 100 x 75 x 65mm high.

A data sheet is enclosed with each.

5⁷Ci (185 kBq) of Strontium90 in equilibrium with its daughter nuclide Yttrium90, incorporated in a silver disc allowing the major proportion of the Beta radiation to escape.

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Website: <https://www.thelabequipment.com>, **Email:** sales@thelabequipment.com

plot. no.296. Sector 5. Vaishali. Ghaziabad. Uttar Pradesh 201010