

Lead glass syringe shield

Type PSVT



PSVT05 and D-PSVT lead glass syringe shield.

Principle

The Lemer Pax lead glass syringe shield has been specially designed to optimize viewing of the syringe on 360° while protecting the users from gamma radiation. The barrel of the shield is optically pure lead glass.

Simple dose drawing syringe option

The needle end is equipped with a threaded tungsten fitting allowing as an option, the addition of a removable tungsten flange. This protects the users' hands from the radiation stream when drawing a dose from a shielded vial. The plunger side is also protected by a tungsten band which includes the syringe lock release button.

Technical description

- 3mm thick tungsten parts
- 4.5 mm thick 5.2 density lead glass barrel
- Easy and secure syringe lock and release button
- 360° visibility on the syringe contents and graduations
- Option: removable 3mm thick tungsten flange that screws on the syringe shield barrel

Reference	Syringes	Length of syringe barrel	Ø syringe barrel	Reduction % Tc99m
PSVT 1	1 cc	75 mm	9 mm	98 %
PSVT 2	2 cc	52 mm	11,5 mm	98 %
PSVT 2,5	2,5 cc	58 mm	11,5 mm	99 %
PSVT 3	3 cc	67 mm	11,5 mm	99 %
PSVT 5	5 cc	65 mm	15 mm	98 %
PSVT 10	10 cc	83 mm	18 mm	97 %

Option: removable tungsten flange

Reference	For lead glass syringe shield	Ø of flange
D-PSVT 1	PSVT 1	60 mm
D-PSVT 2-3	PSVT 2 / PSVT 2.5 / PSVT 3	60 mm
D-PSVT 5	PSVT 5	75 mm
D-PSVT 10	PSVT 10	75 mm

