PRO-TEC II® SYRINGE SHIELD

OPERATION MANUAL

007-800
007-900
007-801
007-901

BIODEX
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Pro-Tec II™ Syringe Shield

This manual contains operation procedures for all Pro-Tec II Syringe Shields including, but not limited to, the following products:

Pro-Tec II Syringe Shields with lead glass window:
007-800     Syringe Shield, 3 cc
007-900     Syringe Shield, 5 cc

Pro-Tec II Syringe Shields without lead glass window:
007-801     Syringe Shield, 3 cc
007-901     Syringe Shield, 5 cc

Replacement Glass for Pro-Tec II Syringe Shields:
127-735    Syringe Shield Replacement Glass, 3 cc and 5 cc

Thin, lightweight and easy to use, the Pro-Tec II is designed to reduce hand exposure for clinicians during preparation and administration of radiopharmaceuticals.

The barrel of the shield is constructed of 2 mm thick tungsten that will reduce radiation exposure from Tc-99m by more than 99% attenuation for Tc-99 tested with TLD chips. A 5.05 density lead glass window provides protection and visibility. A white reflective surface on the shield interior improves viewing of the syringe's markings and fluid content. A bezel around the lead glass helps protect it from scratching or breaking. A thumbscrew holds syringes firmly in place.

Pro-Tec II Syringe Shields accommodate the standard sized 3 cc and 5 cc syringes.

Operation
Insert the syringe through the tubular shield and align the syringe volume calibrations to the lead glass window. Once the syringe is fully inserted into the shield, secure the syringe in place by tightening the thumbscrew.

To remove the syringe from the tubular shield, simply loosen the thumbscrew.

NOTE:
A. For your convenience, Model 007-900 (5cc) shield includes a special adapter insert to accommodate different brands of syringes.

B. Pressure screw is made of brass. As brass is softer than the tungsten shield body, the screw will eventually strip. We have enclosed extra screws for your convenience. If you require additional screws at any time, please call or write. We will supply them at no charge.

C. The lead glass window has been attached to the shield with a spring clip. Should the glass be damaged or destroyed in use, it may be replaced by removing the old glass and sliding a new piece of glass into place in the shield.
Instructions for Replacing Glass
Insert Pro-Tec Replacement Glass by tilting into position, inserting back edge first, using a soft cloth to push down on glass. It will click into place.

Maintenance
As needed, clean with alcohol. Do not clean lead glass with decontaminating solution as this may fog the glass. Do not soak in water.

⚠️ **WARNING**: Do not autoclave, steam-clean or use decontaminating solution on this device.

⚠️ **ATTENTION**: Ne pas stériliser par chaleur sèche ou humide. Ne pas utiliser de liquide de décontamination.

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