



NEEDLE LOADING SHIELD



For radiation protection during loading of prostate implant needles

The Needle Loading Shield, Part Number 90070, is designed to provide superior operator shielding during the loading of prostate implant needles with iodine or palladium seeds.

Constructed of 3/8" aluminum and 1/4", 0.56mm Pb equivalent leaded glass.

SPECIFICATIONS

Height	16"
Shield	
Width	11"
Base	12" x 12"
Glass	10" width x 8" height
Weight	15 lb.

When used with iodine seeds, 0.56mm Pb equivalent glass provides 22 half value layers of protection. Exposure is reduced significantly, for 100 iodine seeds at 1.0mCi per seed the exposure behind the glass is reduced to 1.6×10^{-14} R/h. For 100 iodine

seeds at 0.4mCi per seed, the exposure behind the glass is reduced to 6.4×10^{-15} R/h.

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