

SPEC-150™ Ir-192 Industrial Radiography System

Designed to maximize safety, reliability and durability, while providing low maintenance to reduce liability and yield higher profits.

DURABILITY

Constructed of titanium and stainless steel, the SPEC-150™ withstands severe accidental impacts and is highly corrosion-resistant.

SAFETY

State-of-the-art safety features include the Automatic Securing Mechanism (ASM) which cannot "trip" with the source assembly out, cannot be defeated with vise-grips or other mechanical means, and has no dangerous "source position" indicator. Innovative lock-step set up design eliminates control hookup errors and source/drive cable misconnects.

RELIABILITY

No moving parts are involved with the ASM design. The SPEC-150™ system is designed to significantly limit the ingress of dirt and foreign materials, in all environments and working conditions, to protect against malfunctions.

LOW MAINTENANCE

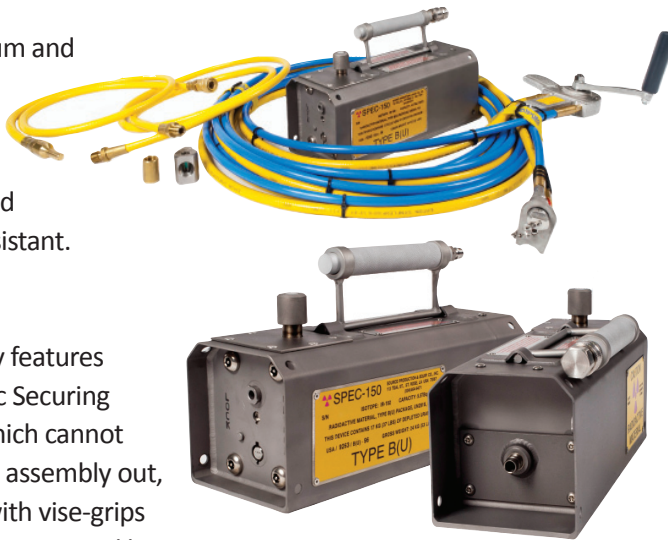
Absolutely no user disassembly for cleaning or maintenance is required. The SPEC-150™ is completely lubrication-free. Costly down-time due to maintenance and returns to the manufacturer for repairs is virtually eliminated.

OPTIONAL ANNUAL MAINTENANCE PROGRAM

The SPEC-150™ maintenance program helps control costs and keep equipment at peak performance. Dangerous equipment failures which may cause worker injury and subject the employer to legal liability are minimized.

ADDITIONAL DESIGN FEATURES

- Low center of gravity for "topple-proof" profile.
- Low radiation level at the outlet nipple.
- Permanent warning and caution labels.
- Tie-down holes for safety harness.



SPECIFICATIONS

Shield	Depleted Uranium 37 lbs. (17 kg) with durable titanium S-tube.
Construction	Fully welded titanium with some stainless steel fittings.
Sources	SPEC Model G-60 source assembly. The G-60 can be transported in the SPEC C-1 source exchanger.
Rated Capacity	150 curies of IR-192 and SE-75 (125ci + 20%); 5,500 Gbq
Dimensions	14.5"L x 5.375"W x 5.5625"H
Weight	Approximately 53 lbs. (24 kg)

ASSOCIATED EQUIPMENT

The SPEC-150™ is authorized for use with: approved control assemblies; flexible and low temperature guide tubes; rigid stainless steel "J" and straight tubes; collimators; and the remote unsecuring mechanisms (RUM). All SPEC products and parts are designed, tested, manufactured and QA inspected. The maximum standard guide tube length is 21 feet. Control assemblies for the SPEC 2-T may be converted for use with the SPEC-150™ by using an adapter. It is not necessary to purchase new associated equipment.

COMPLIANCE

The SPEC-150 System meets ANSI N432-1980 and U.S. Nuclear Regulatory Commission (USNRC) 10 CFR Part 34.20. The Louisiana Department of Environmental Quality (LADEQ) Registry No. is LA612D1115. USNRC Certificate of Compliance and USDOT Competent Authority Certification No. is USA/9263/B(U)-96. The G-60 source meets ANSI N542, ANSI N43.6 and ISO2919 Classification 77C43515, and USDOT 10 CFR Part 49 and IAEA requirements for Special Form Radioactive Material. It is authorized for transport under IAEA Competent Authority Certification No. USA/0608/S-96. The SPEC150™ Canadian Nuclear Safety Commission (CNSC) Canadian Endorsement No. is CDN/E170/-96. Fabrication, inspection and repair is controlled by the USNRC Quality Assurance Program No. 0102.

PART NUMBERS

ITEM DESCRIPTION	PART NUMBER	PRICE
SPEC-150 Exposure Device Only	150000	Call
SPEC-150 Radiography System	150000-S	Call

System Includes: SPEC-150™ Exposure Device • 25' Control with SPEC-150™ adaptor • 7' Yellow Source Tube with Threaded Endpiece • 7' Yellow Source Tube Extension • STC Source Tube Coupling • 5 HVL Mini Collimator



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