

SPEC-300™ Co-60 Industrial Radiography System

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

DURABILITY

Constructed of stainless steel, the SPEC-300™ withstands severe accidental impacts and is highly corrosion-resistant.

SAFETY

The SPEC-300™ has convenient holes located on the sides near the top corners (4 total) providing a sturdy means to attach a security harness or permanent installation mounts and will support 25 times the weight of the device. Two pivoting lifting eyes are located on top of the device for attaching lifting cables, harness or other lifting attachments and will support 25 times the weight of the device.

The SPEC-300™ uses the same safe & reliable ASM/Lock Module Assembly as the SPEC-150™. The ASM/Lock Module can be replaced without removing the source from the device using the transport locking system.

RELIABILITY

No moving parts are involved with the ASM design. The SPEC-300™ 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-300™ 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-300™ 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.



SPECIFICATIONS

Shield	Depleted Uranium 500 lbs. (227kg) with durable titanium S-tube.
Construction	Fully welded stainless steel
Sources	SPEC Model G-70 source assembly
Rated Capacity	300 curies Co-60; 11,100 gbq
Dimensions	26"L x 14"X x 15"H
Weight	Approximately 780 lbs.

COMPLIANCE

The SPEC-300™ is authorized for use with: approved control assemblies; flexible blue guide 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. Existing control assemblies may be converted for use with the SPEC-300™.

COMPLIANCE

The SPEC-300™ 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 LA0612D112S. USNRC Certificate of Compliance and USDOT Competent Authority Certification No. is USA/9282/B(U)-96. The G-70 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/0566/S-96. The SPEC300™ Canadian Nuclear Safety Commission (CNSC) Canadian Endorsement No. is CDN/E193/-96. Fabrication, inspection and repair is controlled by the USNRC Quality Assurance Program No. 0102.

PART NUMBERS

ITEM DESCRIPTION	PART NUMBER	PRICE
SPEC-300 Exposure Device Only	190600-3	Call
SPEC-300 Radiography System	190600-3-S	Call

System Includes: SPEC-300™ Exposure Device, 300ci Capacity Co-60 • 35' Blue/Yellow Control with Control Adaptor • 7' Blue Source Tube with Threaded Endpiece & Quick Disconnect • 7' Blue Source Tube Extension • 5 HVL 90 Degree Sideport Collimator



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