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Technical Specifications

Model 1075 SCARPro		
Primary Applications Industrial Gamma Radiography Small Controlled Area Radiography		
Dimensions		
Length	SCAR 11.20 in (284 mm)	Projector 11.50 in (292 mm)
Width	6.00 in (152 mm)	
Height	7.25 in (184 mm)	
Weight		
1075 SCARPro *	37 lb (16.8 kg)	32 lb (14.5 kg)
Incl. Overpack	60 lb (27.2 kg)	
Materials Tungsten shield with built in source path, Stainless Steel, Aluminum, and Polyurethane		
Isotope Selenium-75		
Gamma Energy Range 66-401 keV		
Half-Life 120 Days		
Maximum Source Capacity 81 Ci (3 TBq) of Selenium-75		
Source Assembly Model A425-6		
Controls and Guide Tubes 1075 SCARPro Projectors are designed, manufactured and approved for use with SENTINEL™ authorized controls and accessories only.		
Operating Temperature Range -40° F to 300° F (-40° C to 149° C)		
Transport Approvals Type A within Model 1075A overpack meets 49 CFR173 and IAEA TS-R-1 (2009).		
* SCARPro weight listed above is actual weight. SCARPro weight listed in manual is a maximum.		

SCARPro

SCARPro



SENTINEL™ Model 1075 **SCARPro** is the latest innovation from QSA Global, Inc., the industry leader in gamma radiography. Founded on field proven technology, the 1075 **SCARPro** continues the SENTINEL™ reputation for safety and reliability. **SCARPro** is a valuable asset in your NDT toolbox, which can be used as a category I or II exposure device. When used in SCAR mode (category I), the **SCARPro** allows radiography to be performed in congested work areas with a minimal distance to the controlled areas. When used as a traditional projector (category II), standard SENTINEL™ source guide tubes and collimators allow the Selenium-75 source to be used for axial, radial and panoramic exposures.

Exposure Device

Model 1075 **SCARPro** is a single exposure device that enables both **Small Controlled Area Radiography** and traditional projection radiography. A standard guide tube port can be changed to a SCAR collimator quickly and safely in the field.

SCAR

An intergrated collimator enables safe radiography in areas congested with workers.

Projector

A standard guide tube attachment with an ISO 3999 compliant interlock enhances the safety of traditional projection radiography. Model 1075 **SCARPro** is designed, manufactured and approved for use with SENTINEL™ authorized controls and accessories only.

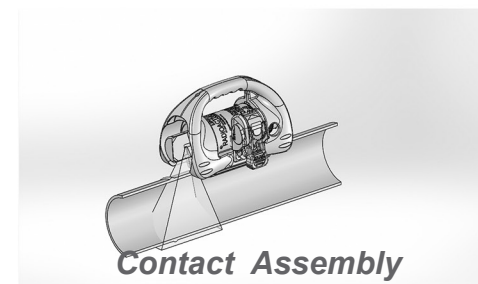
Minimize Exclusion Zones

Accelerate Turnarounds

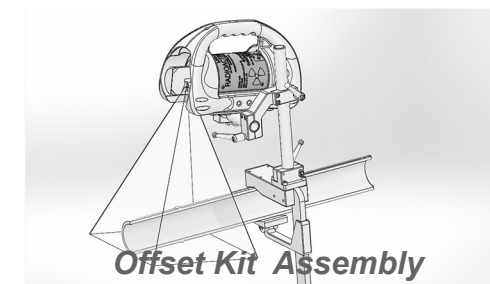
Improve Plant Safety

Reduce Operator Dose

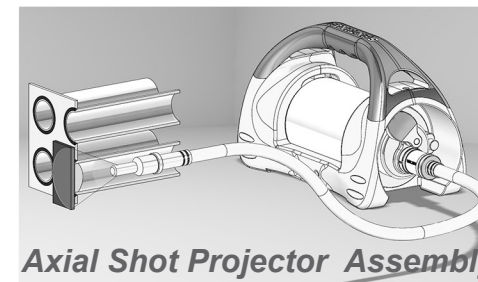
Increase Productivity



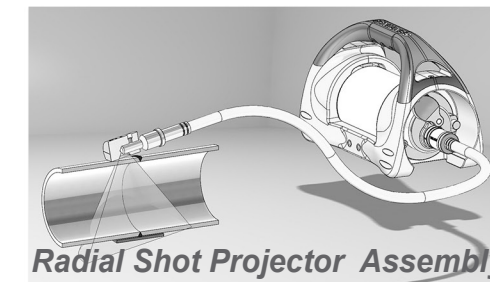
Contact Assembly



Offset Kit Assembly



Axial Shot Projector Assembly



Radial Shot Projector Assembly

