

QSA GLOBAL.



Model 1100 GAMMA-RAY SOURCE PROJECTORS.

Meet the Model 1100, the latest innovation in QSA Global, Inc.'s gamma ray source projector family. Built for superior performance and safety, it delivers the trusted features of our renowned 880 Series with enhanced durability. Backed by an industry-leading 3-year warranty, the 1100 is designed to go the distance



For more information visit us at qsa-global.com

DESIGNED FOR SAFETY AND SIMPLE OPERATION.



Improved Safety - Lighter Weight

Weighing an average of 46 lb (20 kg) with the jacket, the 1100 is under the 50 lb limit for one-person carrying. The lighter-weight projector, combined with a new and improved handle, allows radiographers to move, carry, and position the unit more easily on their own, reducing the need for additional crew members and improving access in confined spaces.



Improved Safety – New & Improved Lock Design

The new lock features a completely redesigned small format interchangeable core (SFIC) based assembly with a fully field-replaceable lock and core, keeping the 1100 in service with minimal downtime. It is now mounted horizontally, which significantly reduces ingress, and a protective dust cover shields the keyway during use, improving reliability in the field. A larger lock slide enhances ergonomics and makes lock status easier to see.



Increased Durability - Longer Life S-Tube

Get twice the service life with a new S-tube designed with improved material, thicker tubing, and optimized geometry. The 1100 includes a 3-year S-tube warranty to help you avoid unplanned capital expenses and workflow delays from premature replacement.



Improved Safety – Don't Risk Misconnections

Color-coded CONNECT, SECURE, and OPERATE front plate indicators guide radiographers through guide tube connection. Better side access at the rear plate and improved lock slide visibility confirm that the source is securely locked and safe before exposure, reducing misconnect risk and operator dose.

EXTREME DURABILITY.

In harsh and sometimes remote industrial environments, gamma radiography is valued for its simplicity and reliability. The Model 1100 gamma-ray source projectors are built to consistently deliver in any condition.



ACCESSORIES.

Accessories such as controls, guide tubes, and collimators are interchangeable across all SENTINEL gamma-ray source projectors, ensuring consistent compatibility throughout your radiography fleet. The 1100 gamma-ray source projector is approved for use only with authorized QSA Global sealed sources and accessories. A unified accessory design shared by the 880 Series, SENTRY, and 1075 SCARPro models supports easier upgrades, fleet standardization, and streamlined field operations.



REMOTE CONTROLS

Available in pistol and reel styles in various lengths to drive the source to and from the exposure location.

COLLIMATORS

Available inside throw and panoramic styles to restrict the size of the radiation beam when the radioisotope source is cranked into position to make a radiographic exposure.

SHIELDING

Providing multiple options to help you meet your shielding criteria.

SPECIFICATIONS.

Comparison Point	Model 1100	880 Series
Max Weight with jacket	48lbs Maximum	55lbs
Capacity: Ir-192 Se-75	150 Ci (5.55 TBq)	150 Ci (5.55 TBq)
Label Dimensions	8.25 x 10.52	6.13 x 9.50
Warranty	3 years (S-Tube)	1 Year (S-Tube)
Lock Assembly	Small Format Interchangeable Core-based (SFIC)	Vertical Lock Assembly
Regulatory Compliance	QSA Global, Inc.'s gamma-ray source projectors are designed, manufactured, and serviced under ISO 9001:2015 and USNRC 10CFR71 subpart HQA program.	

TRAINING & MAINTENANCE

QSA Global, Inc. is dedicated to helping you maximizing productivity by minimizing maintenance down time. We supply parts for all mechanical components in your Model 1100 Gamma-Ray Source Projector. QSA Global, Inc. provides complimentary functional training to help you setup your device with the proper accessories, learn what each part of the device are for, and provide technical instruction on how to use the device. Formal training courses are available at QSA Global, Inc. facilities, locally by authorized distributors, or on-site by arrangement.

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