

TYPE A Package Manufacturer's Certification

1.	Product Model/Description: 98229		
2.	Package Specifications/Limitations: Model 989M or Model 989 exposure device in #1400 Pelican case measuring 13 3/8" x 11 5/8" x 6". Package can include optional fixture kit components identified on KIT033.		
3.	Special Form Source Assemblies Authorized for Transport		
	Type A Approved Activity (Max.)	Isotope	Source Assembly Model Number
	20 Ci (0.74 TBq)	Se-75	98941 (Model 989M) 97941, 98940 or 98941 (Model 989)
4.	References: Test Plan 210 Report Rev. 0 (7 Nov 2017), Test Plan 26 Report (10 May 1995), Test Plan 54 Report (Fen 1997), 98229-XX Rev. B, KIT033 Rev. A & Technical Report 390 (26 Oct 2022)		
5.	Drawing/Assembly Description: Assembly as shown on this certificate.		
6.	Maintenance and Operational Controls: MAN-037 (989) or MAN-057 (989M)		
7.	Max Weight of Package: 28.1 lb. (12.7 kg)		
8.	Package Closures: The 989M and 989 devices must ship with the source in stored position, the dust cover installed, the selector ring rotated to the "LOCK" position and the plunger lock engaged with the key removed. Load the 989M (or 989) into the Model 98229 case (see figures on this sheet). Close the case latches, rotate "O" ring seal to provide airtight closure and fasten security padlock through one of the two closure holes on the case to provide a tamper indicating seal.		

Under §173.415, QSA Global Inc. certifies that the package and contents described above comply with relevant requirements for a Type A package under the International Atomic Energy Agency Regulations for the Safe Transport of Radioactive Material, 2009 Edition [No. TS-R-1] & 2018 Edition [No. SSR-6], and USDOT Specification 7A under USDOT 49 CFR 178.350.

All documentation of tests, engineering evaluation or comparative data demonstrating compliance of this package design to Type A Specification 7A shall be maintained by QSA Global, Inc. and will be available to regulators upon request.

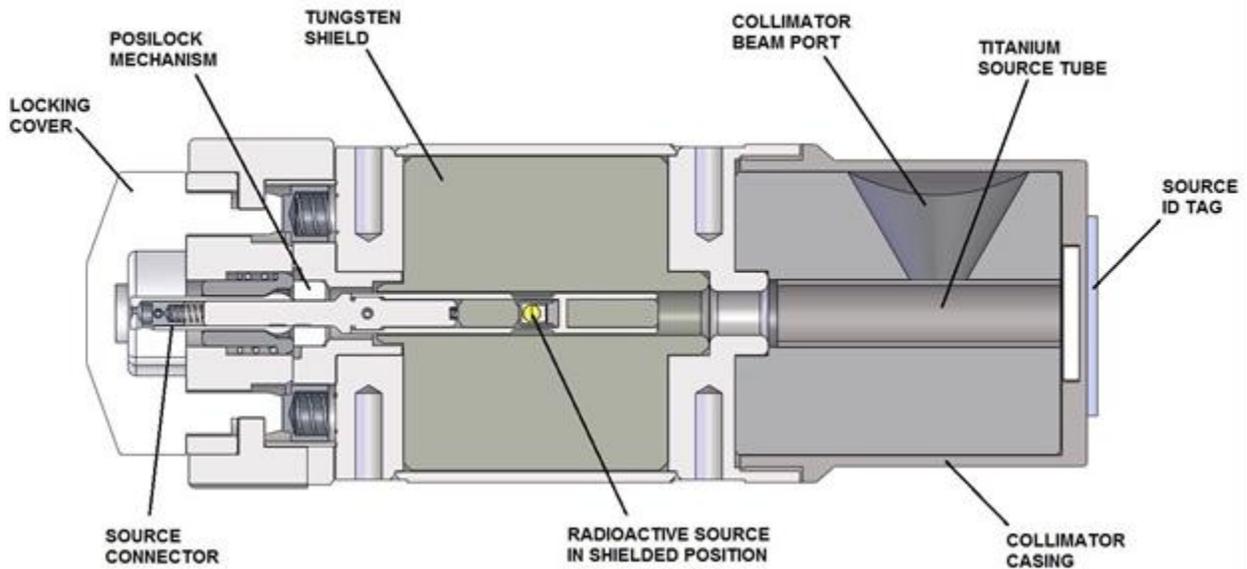
The shipper is responsible for ensuring the packaging conforms fully to the requirements identified on this certification including the assembly, maintenance and operational control requirements specified in Sections 5 & 6. Changes to the package assembly, shipment of material not specified on this certificate or any other non-compliance with the requirements of this certificate are not supported under this certification and will invalidate this Type A approval.

Regulatory Signature

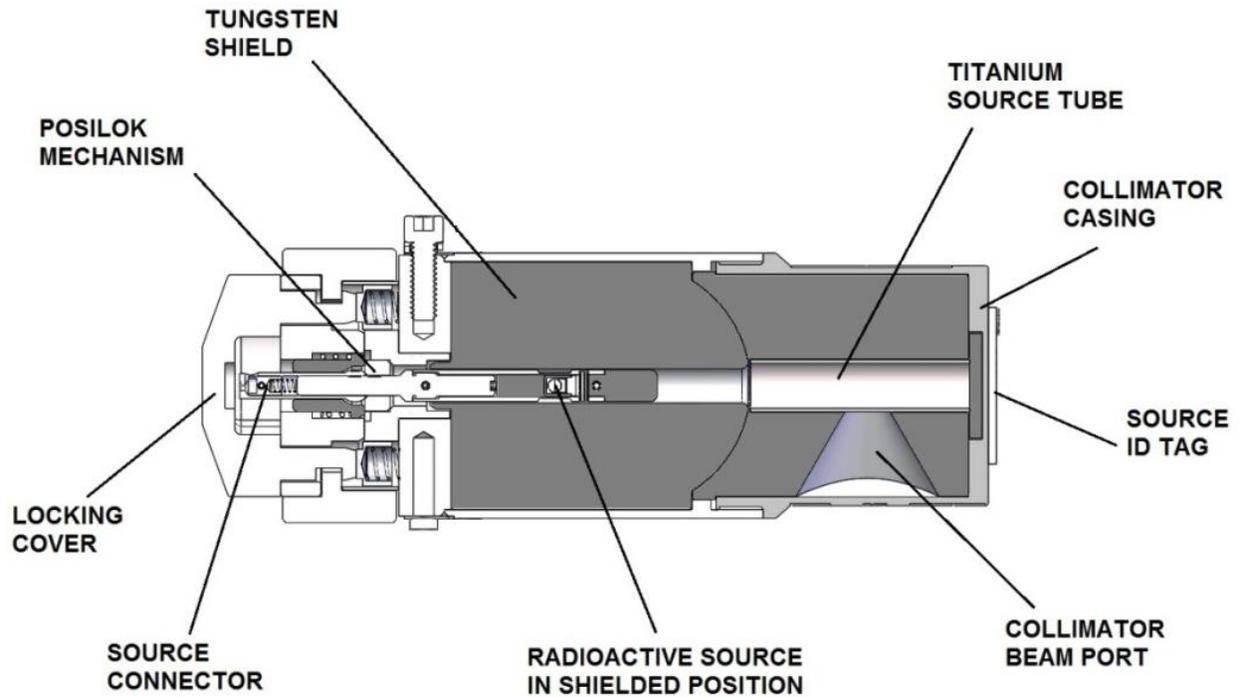
Date

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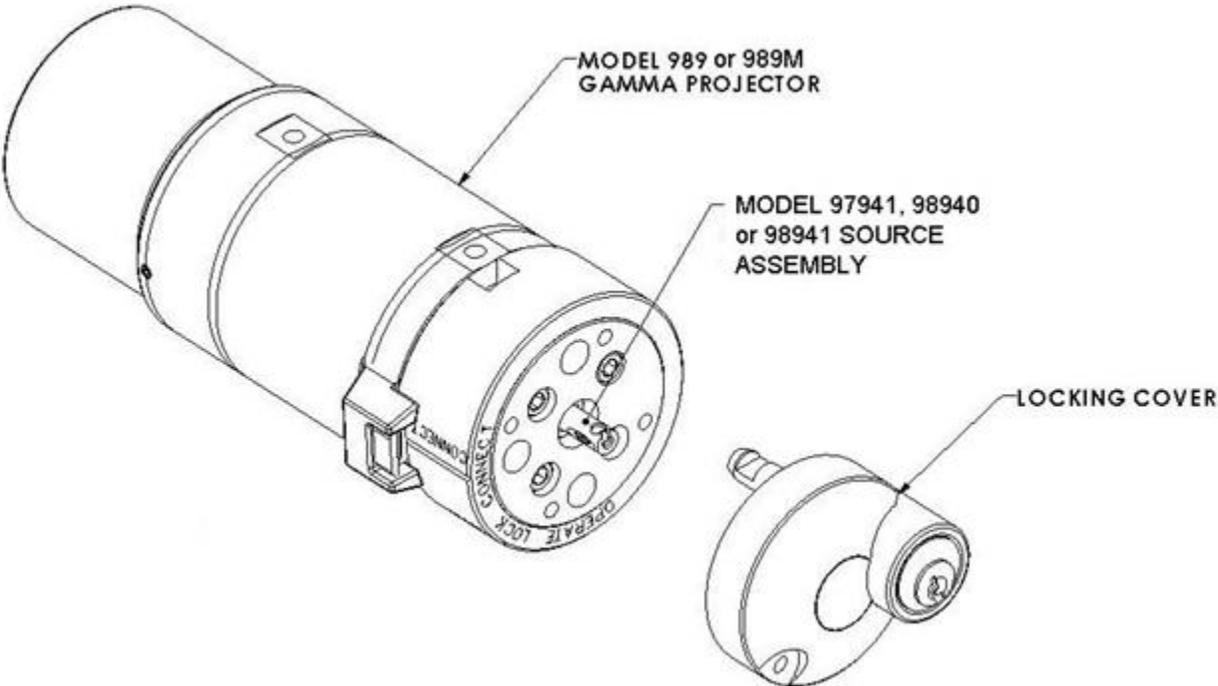
Model 989 Exposure Device



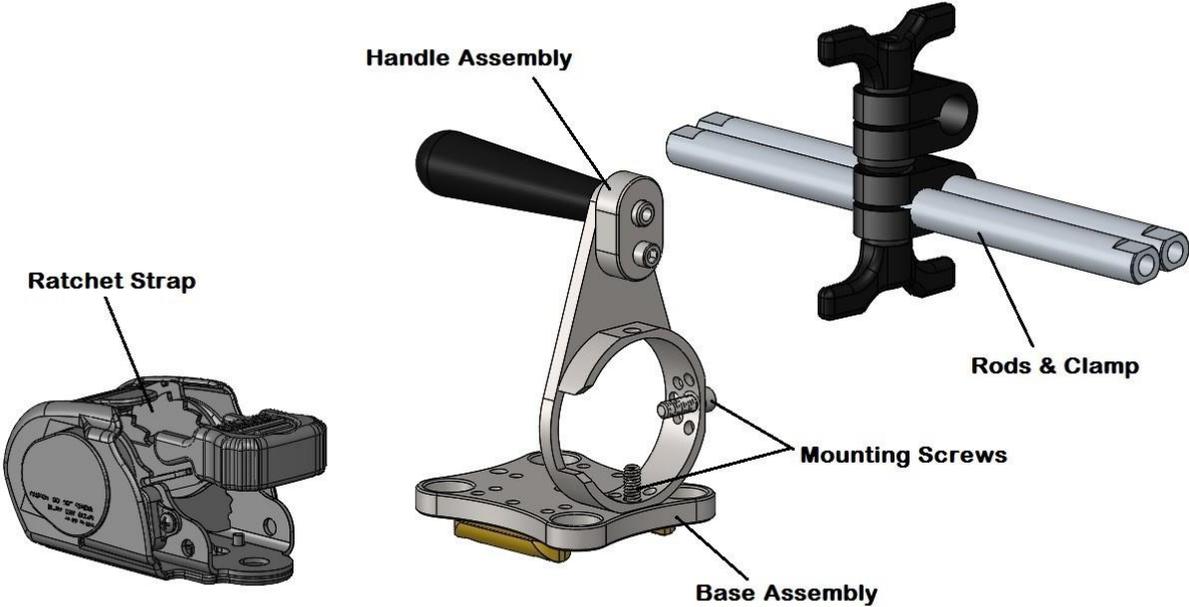
Model 989M Device



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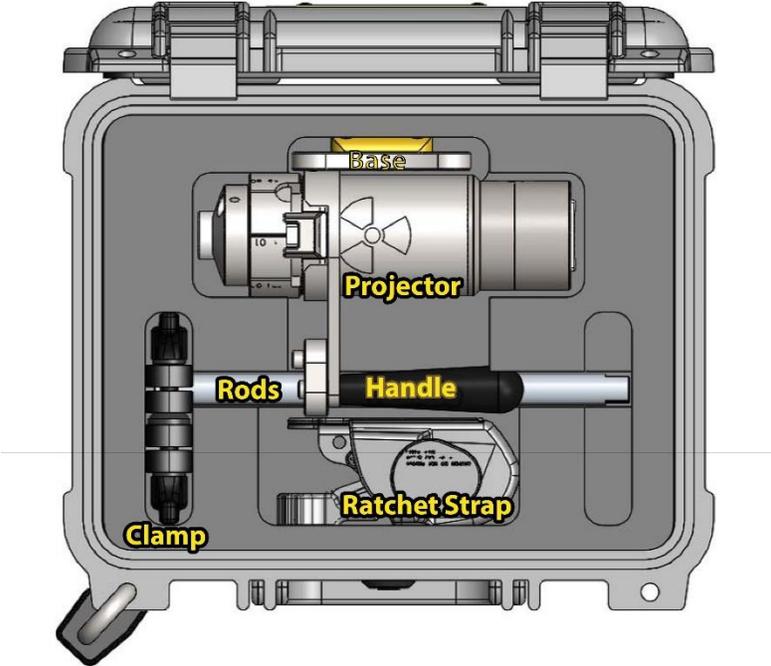


Fixture Kit (KIT033) Components

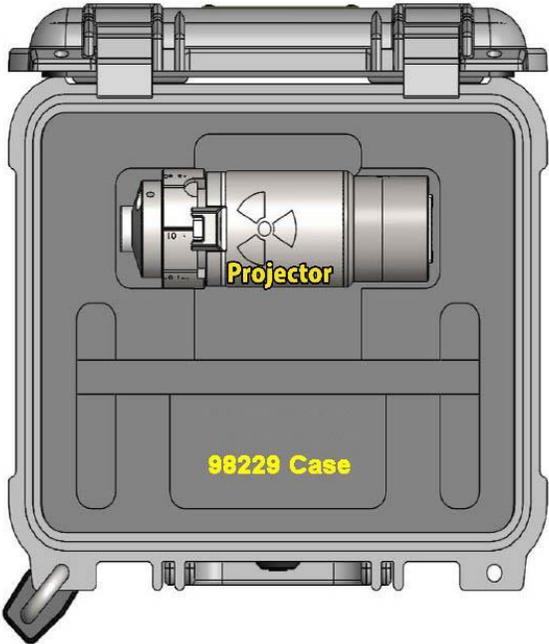


TYPE A Package Manufacturer's Certification

98229 with 989M (or 989) and Optional Fixture Kit Components



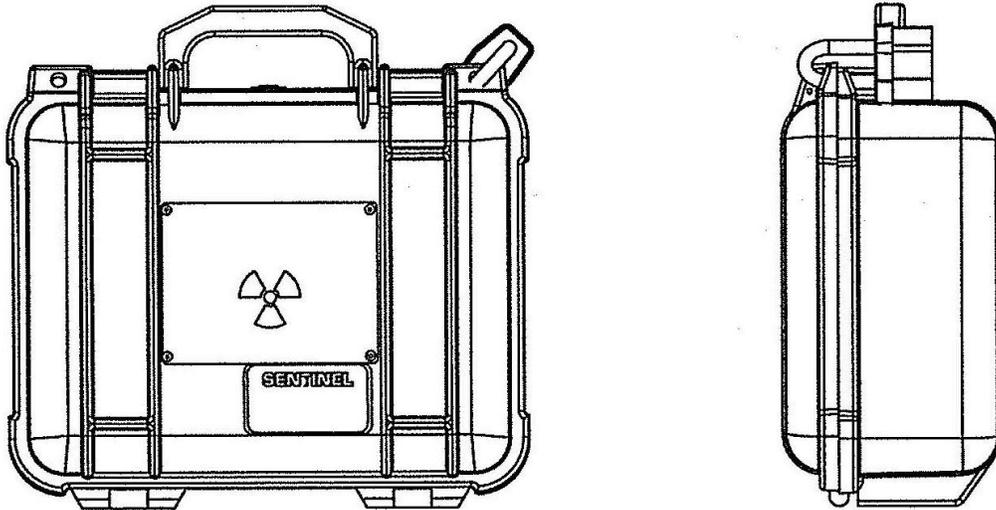
98229 with 989M (or 989) without Optional Fixture Kit Components



TYPE A Package Manufacturer's Certification

98229 Package closed with Padlock Installed

(Note: Padlock can be installed in either of the two closure holes on the case.)



All replacement components for the package MUST be obtained from QSA Global Inc.