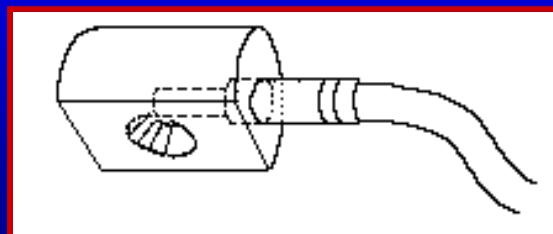
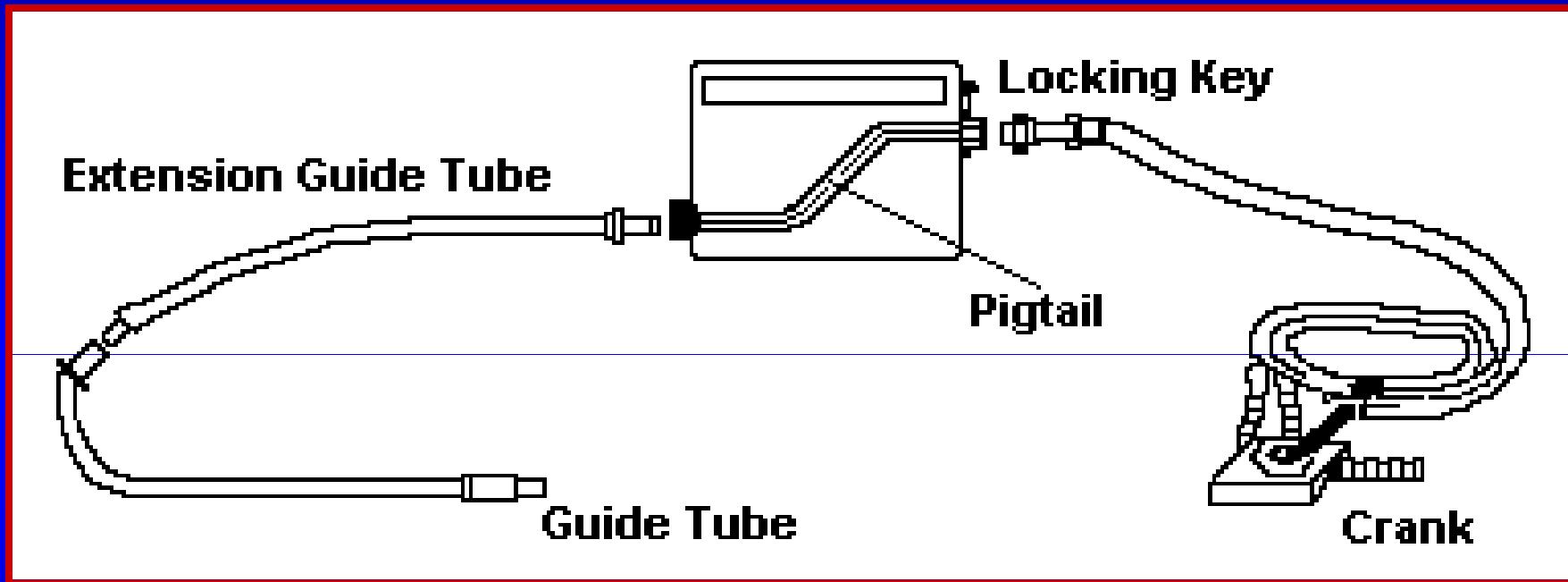


# Industrial Radiography Equipment



# Radiographic Exposure Devices



Collimator

Generic Crank Out  
Radiography Camera  
& Associated Equipment

# Radiography Cameras

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Source Production  
& Equipment Co.  
Model SPEC-150

150 curies

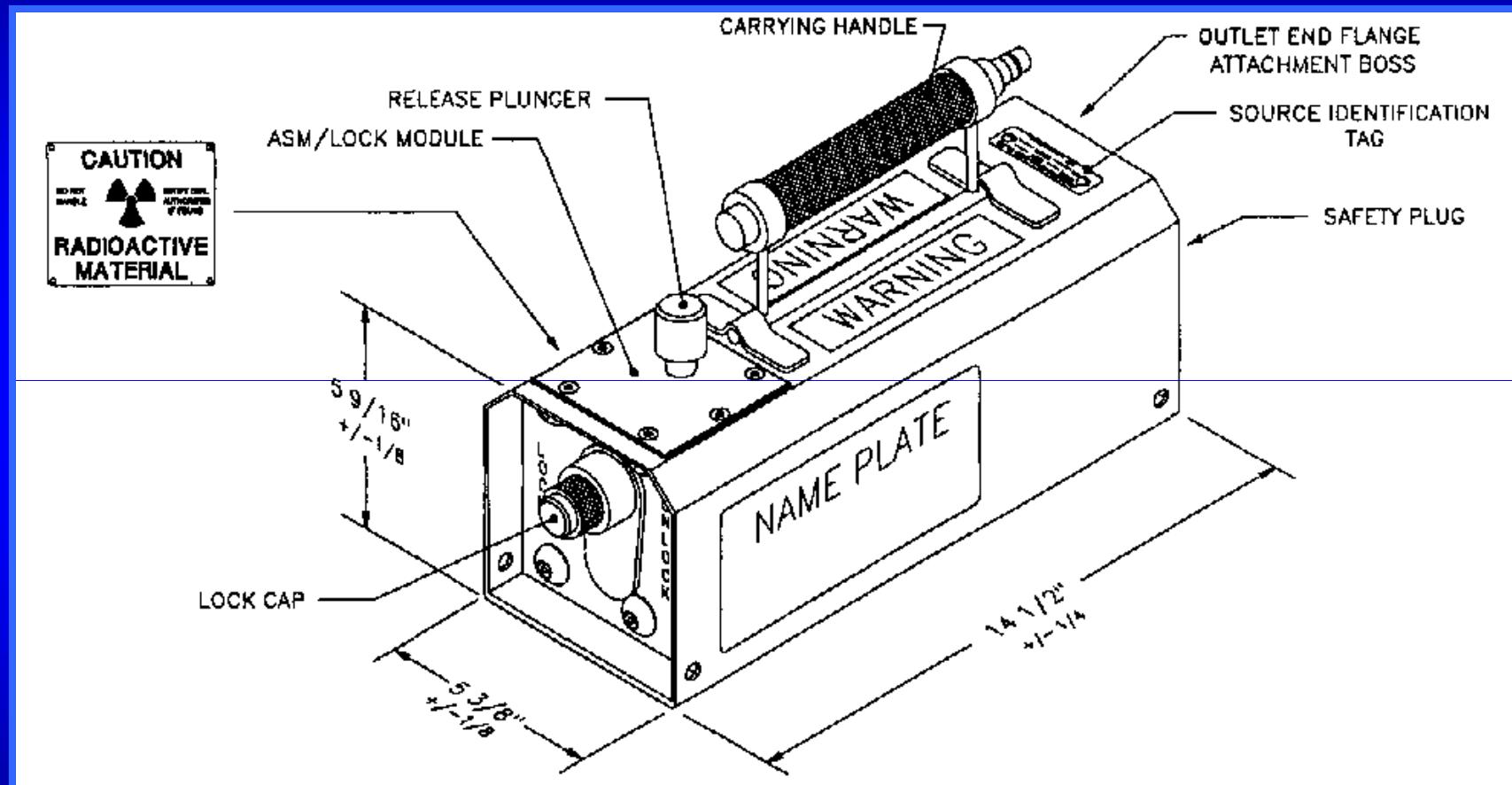
Ir-192

Se-75

Yb-169

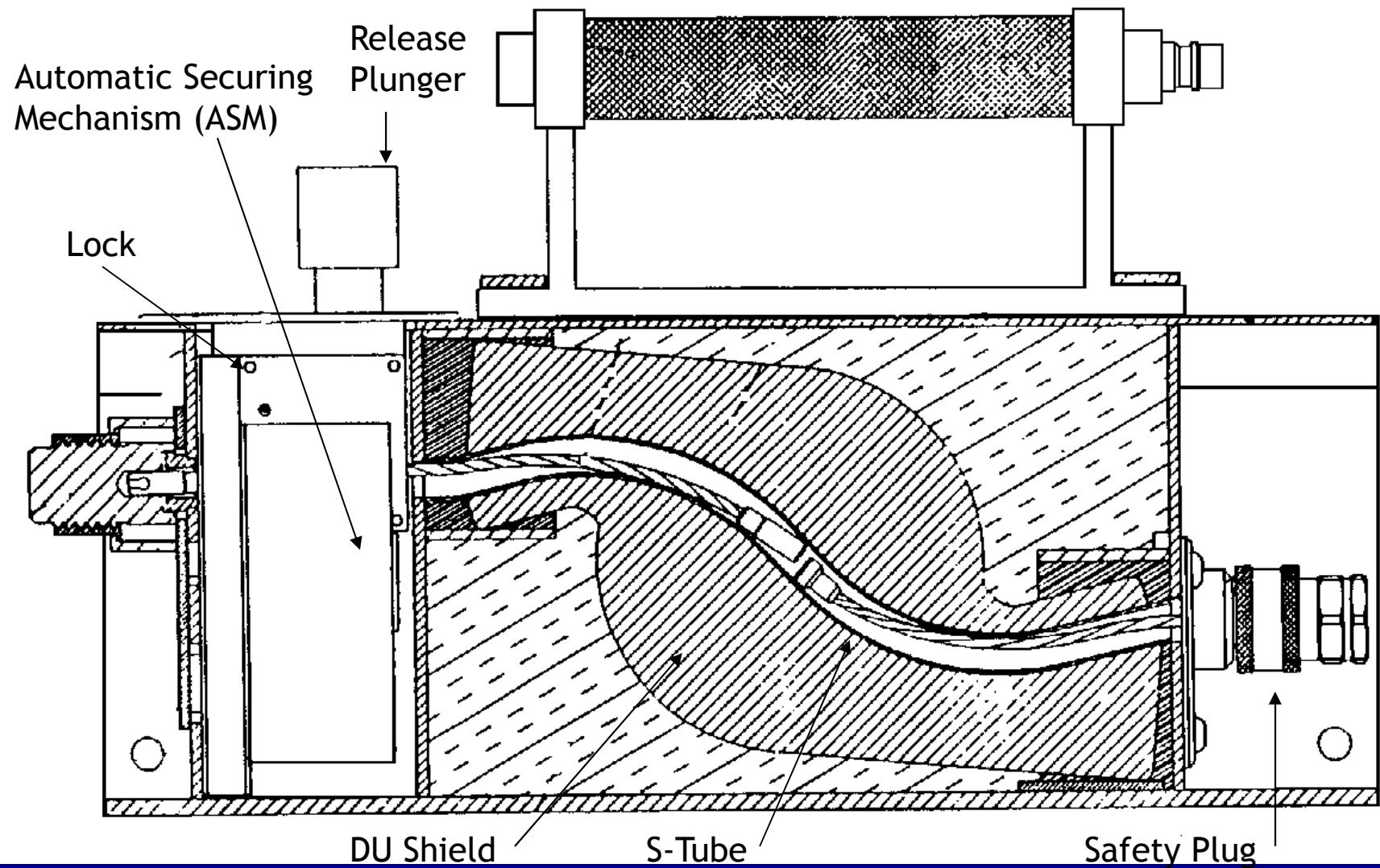


# Radiography Cameras



SPEC 150 camera diagram

# Radiography Cameras



Cutaway of SPEC 150 camera

# Radiography Cameras

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**QSA Global  
Model 660 Series**

**140 curies 660B,  
660BE**

**120 curies 660,  
660E, 660A,  
660AE**

**Ir-192**

# Radiography Cameras

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**Safe position = centered inside S-tube**



**green tab = secured source  
red tab = unsecured source**

# Radiography Cameras

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**Delta (Yellow)**  
Ir-192, Se-75  
150ci

**Sigma (Blue)**  
130ci Ir-192  
150ci Se-75

**Elite (Black)**  
50ci Ir-192  
150ci Se-75

**QSA Global Model 880**

# Radiography Cameras

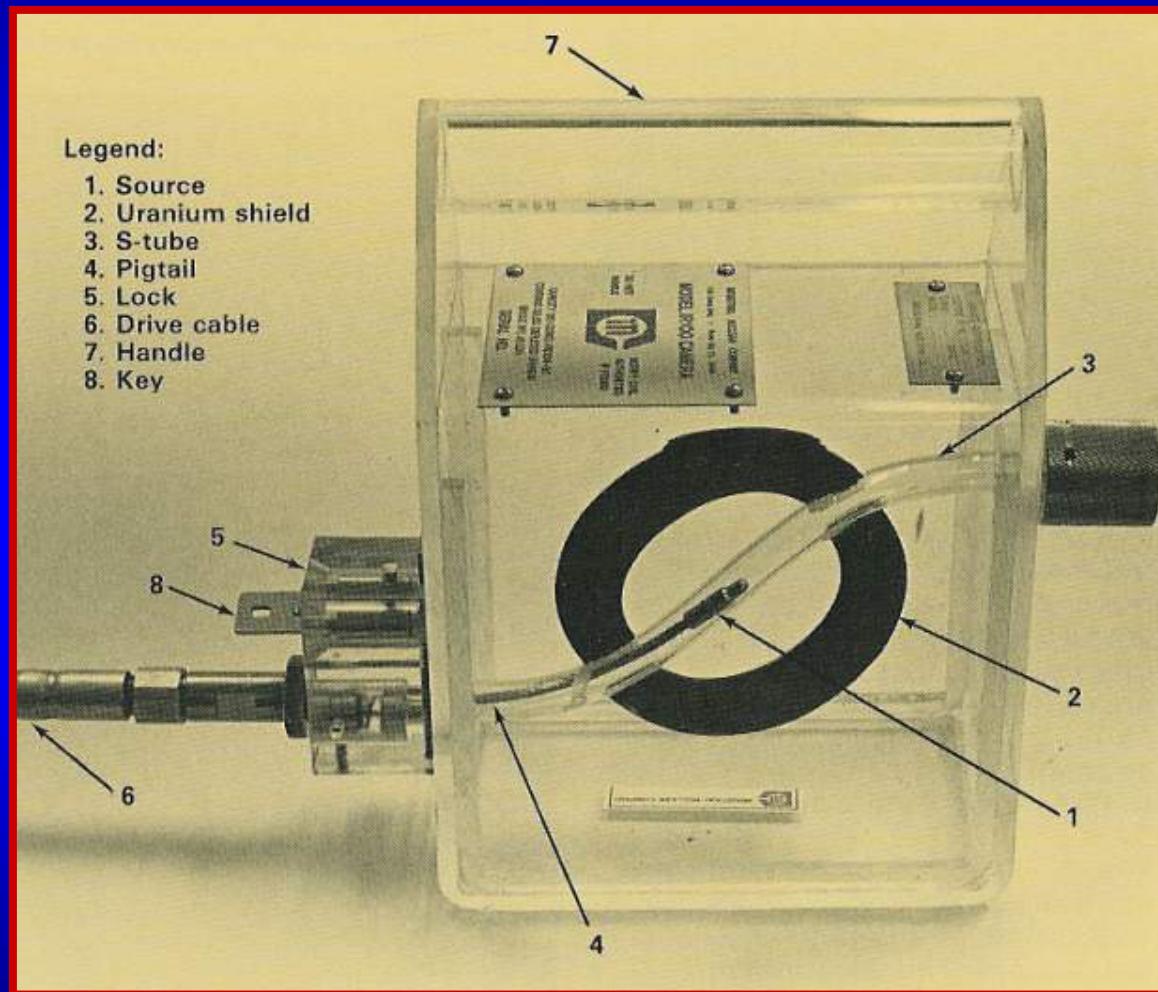
---



120 ci  
Ir-192

Industrial Nuclear Co. Model IR-100

# Radiography Cameras



Training version of Model IR-100

# Radiography Cameras

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300 ci  
Co-60

SPEC Model SPEC-300 (with cart)

# Radiography Cameras

---

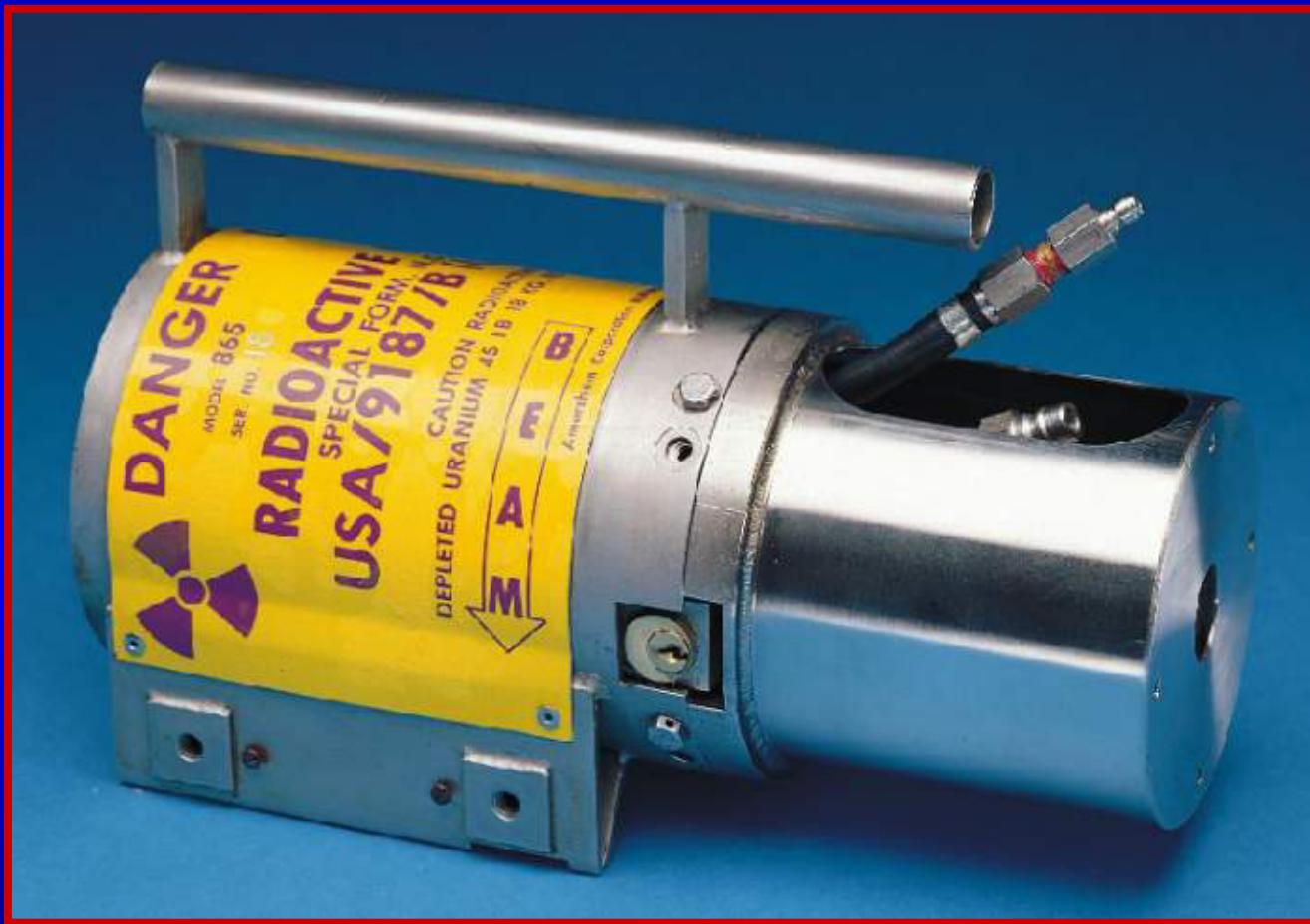


110 ci  
Co-60

QSA Global Model 680 (with overpack)

# Radiography Cameras

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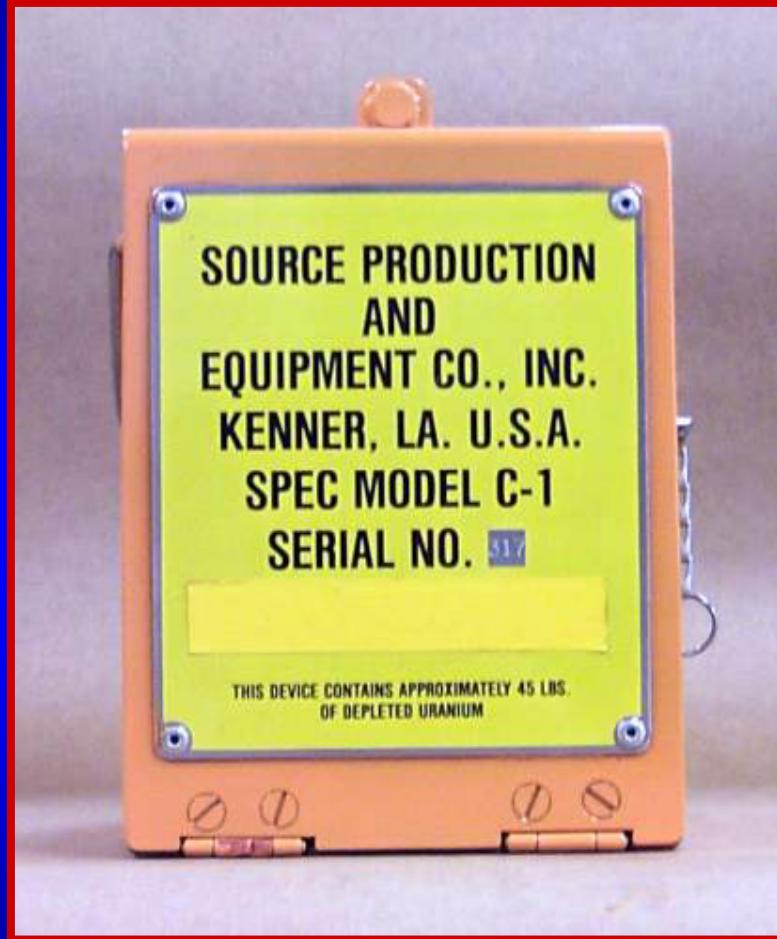


GSA Global  
Model 865  
(pneumatic)

240 ci  
Ir-192

# Source Changers

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300 ci

Ir-192

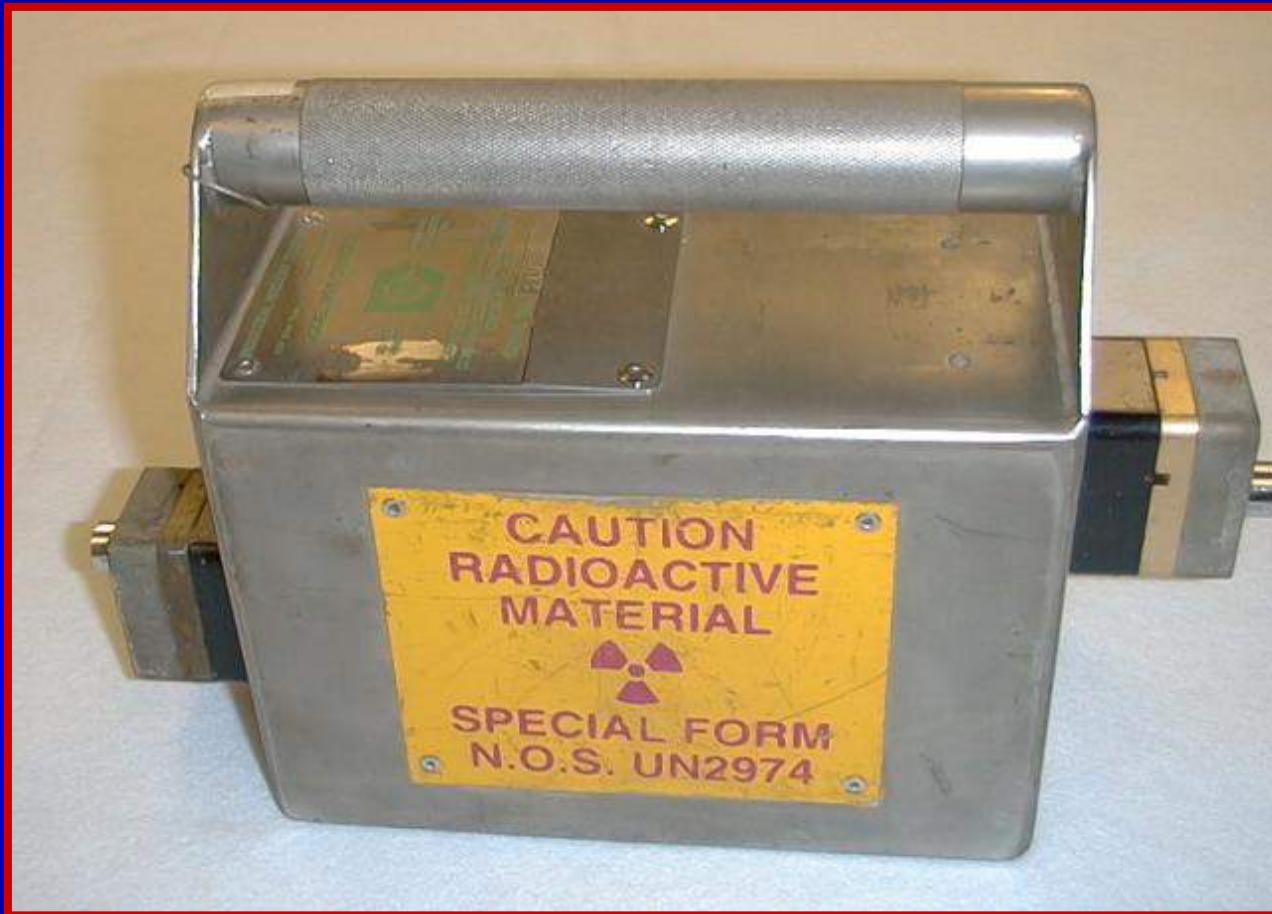
Se-75

Yb-169

SPEC Model C-1 Source Changer

# Source Changers

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120 ci  
Ir-192

INC Model IR-50 Source Changer

# Source Changers

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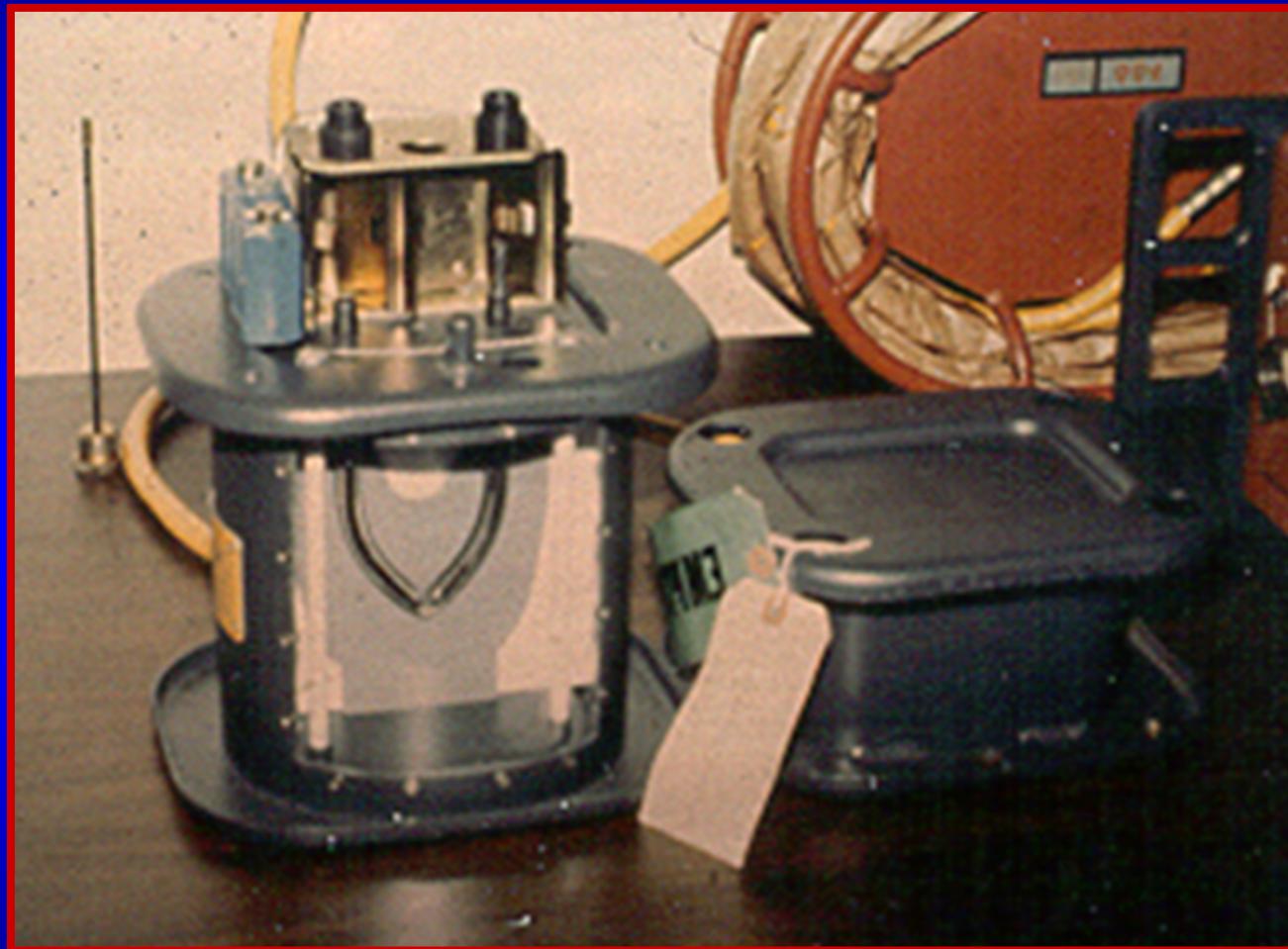


240 ci  
Ir-192

300 ci  
Se-75

QSA Global Model 650L Source Changer

# Source Changers



Cut-away of Model 650L Source Changer

# Source Changers

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QSA Global  
Model 855  
Source Changer

8 Source  
Capacity



# Masterminder Crawler Controller

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# Associated Equipment

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Collimators



# Associated Equipment

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Controls



## Associated Equipment & Accessories



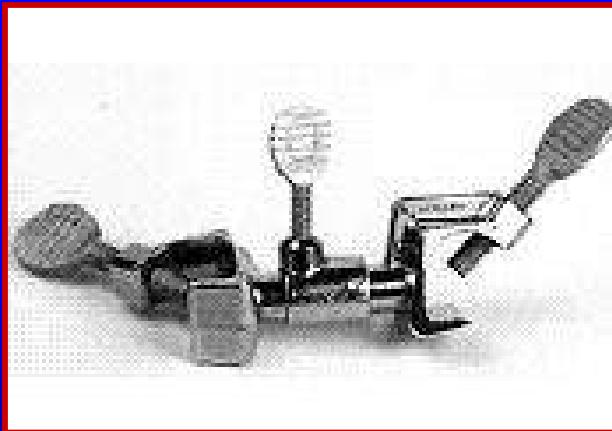
**Hand crank**

**Magnet "jig" (stand)**



# Accessories

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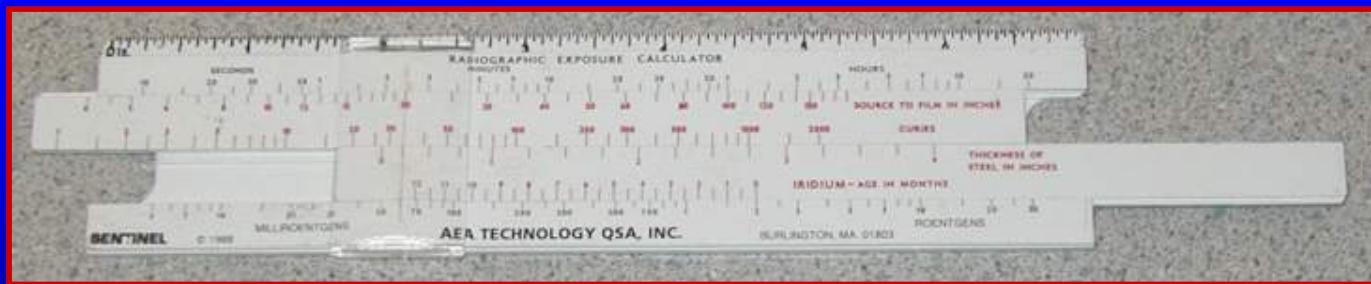


Magnetic film holder  
& swivel clamp



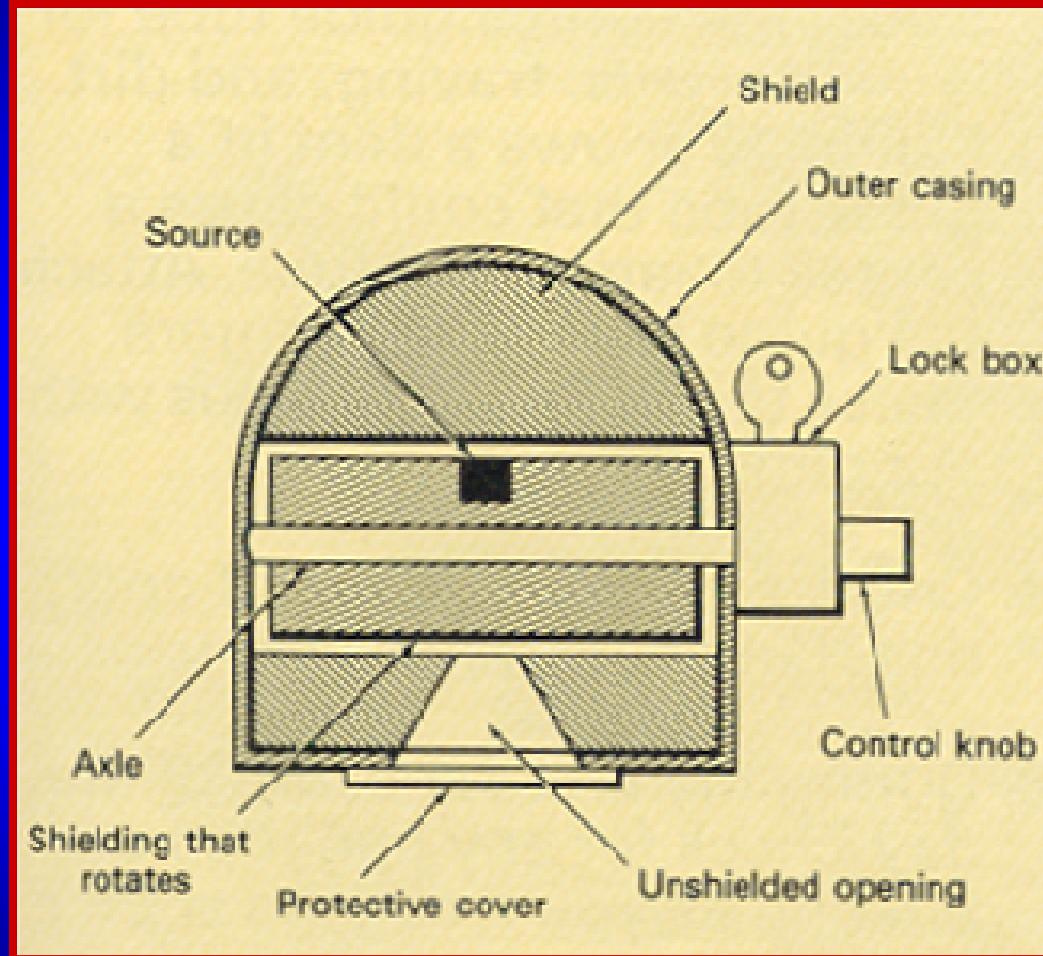
Tabletop "jig"

# Accessories



Duct tape, masking tape, tape measure, bungee cords,  
flashlight, shot calculator

# “Old” Radiography Cameras



240 ci Ir-192

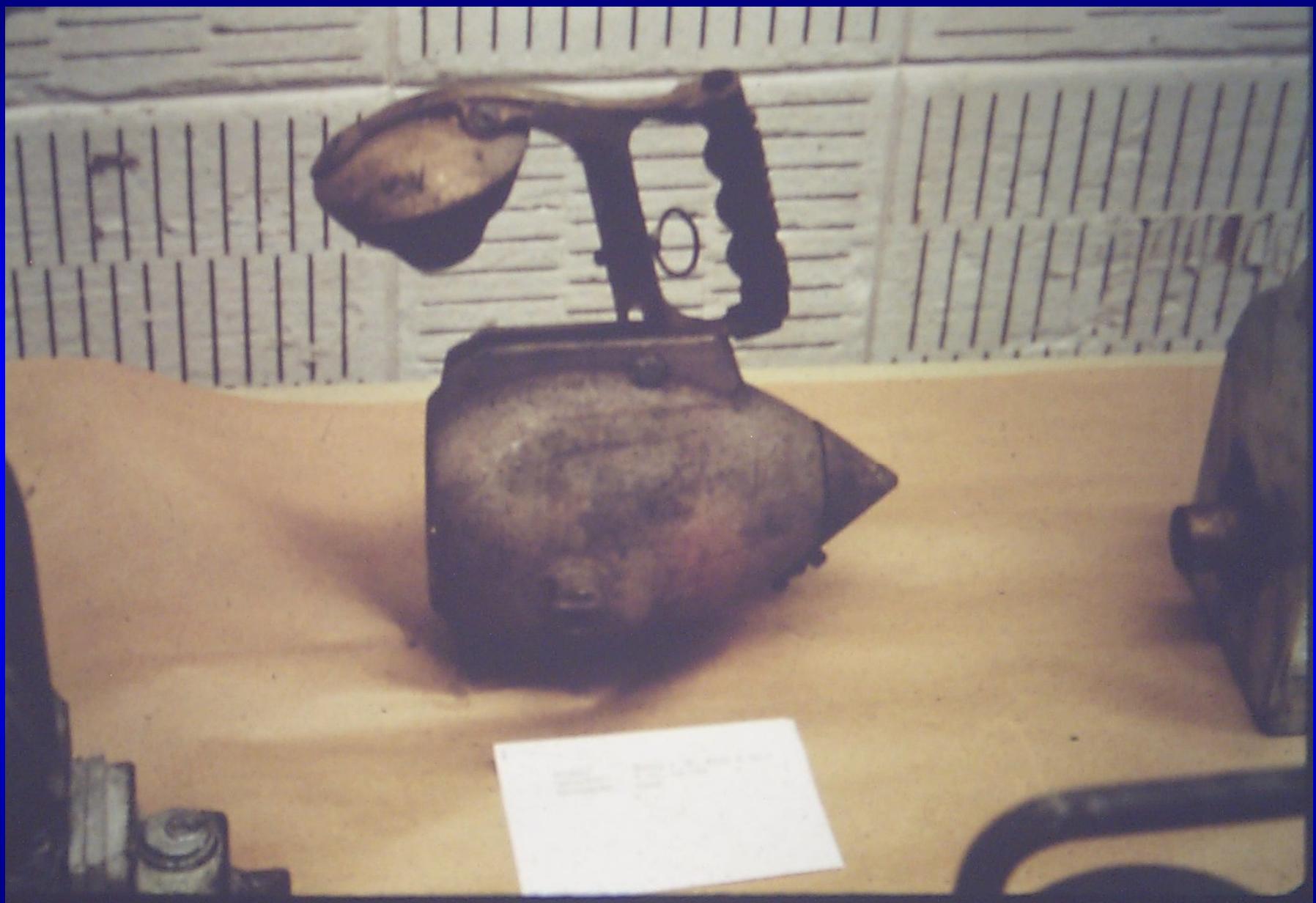
Gamma Industries Pipeliner 201

## “Old” Radiography Cameras

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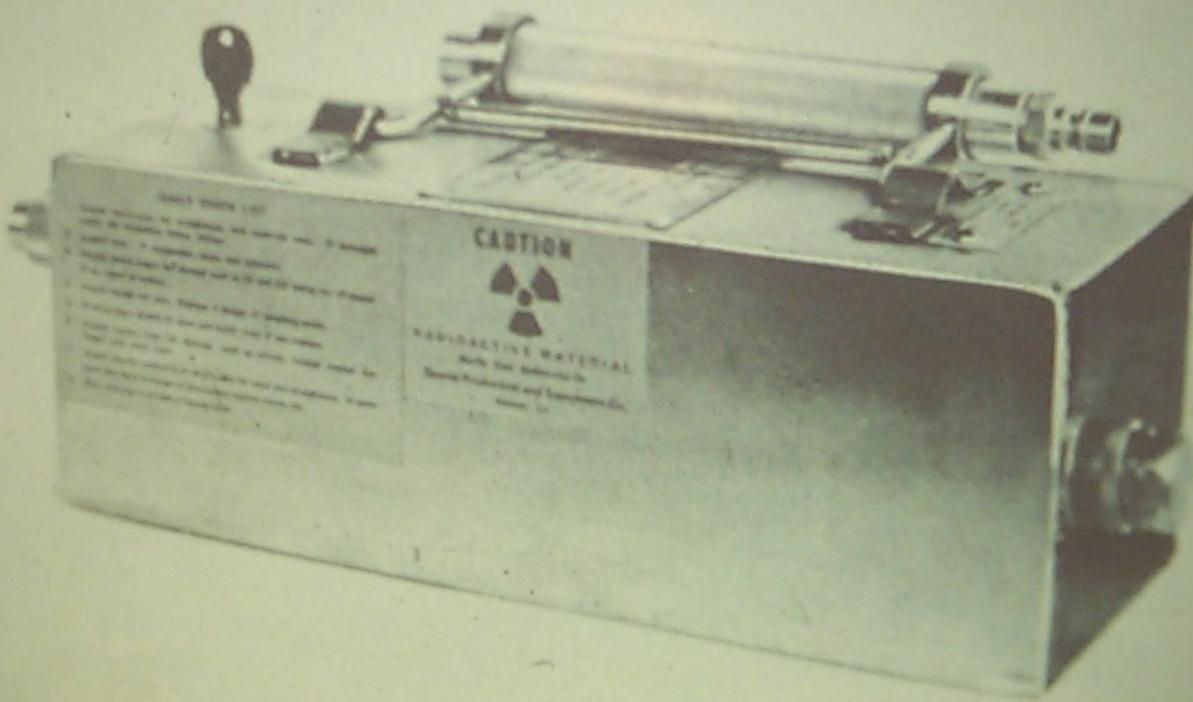


QSA Global Model 460





# *the* **SPEC 2-T**

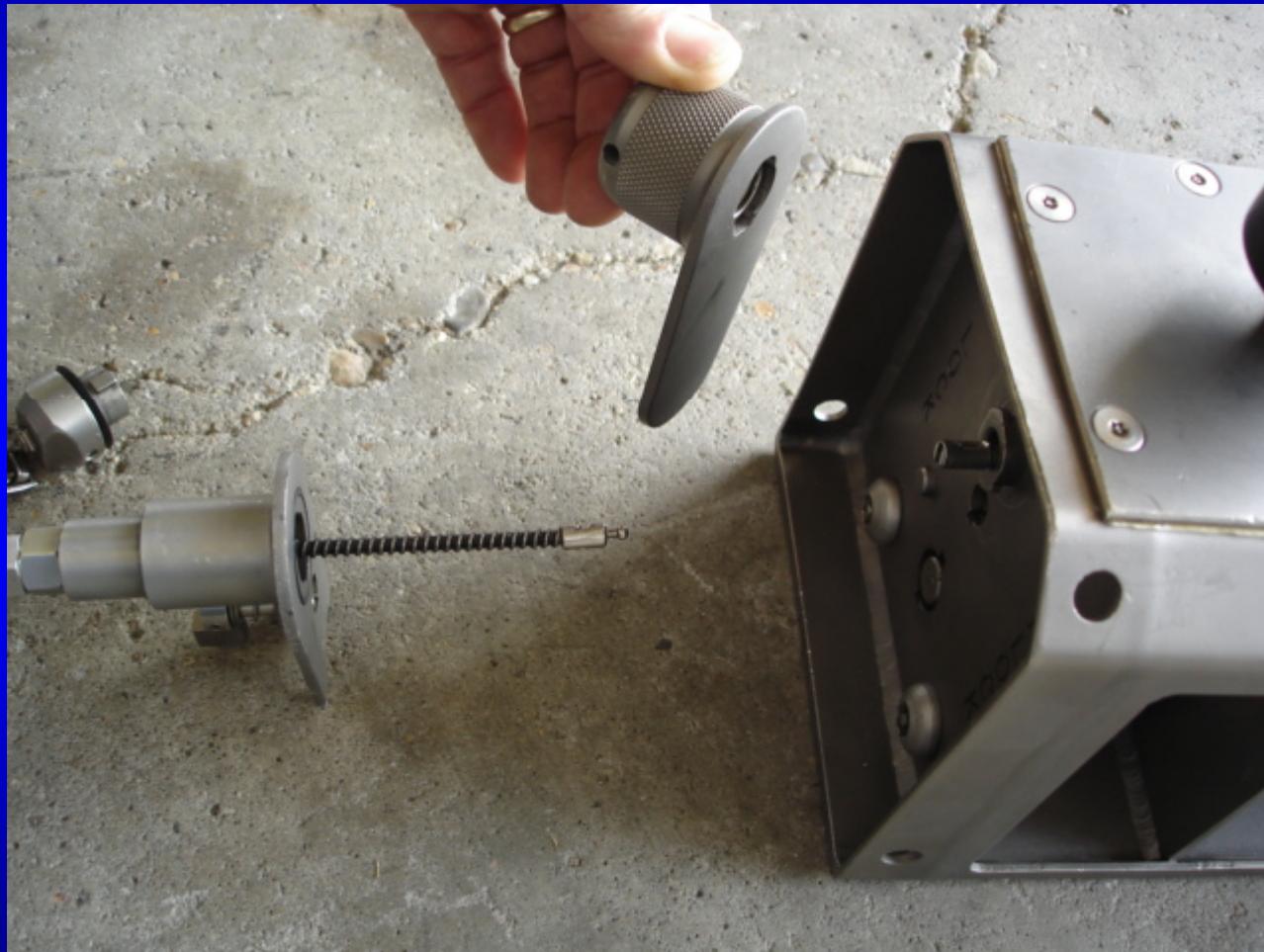






# Set Up for Industrial Radiography

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# Set Up for Industrial Radiography

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# Set Up for Industrial Radiography

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# Set Up for Industrial Radiography

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# Set Up for Industrial Radiography

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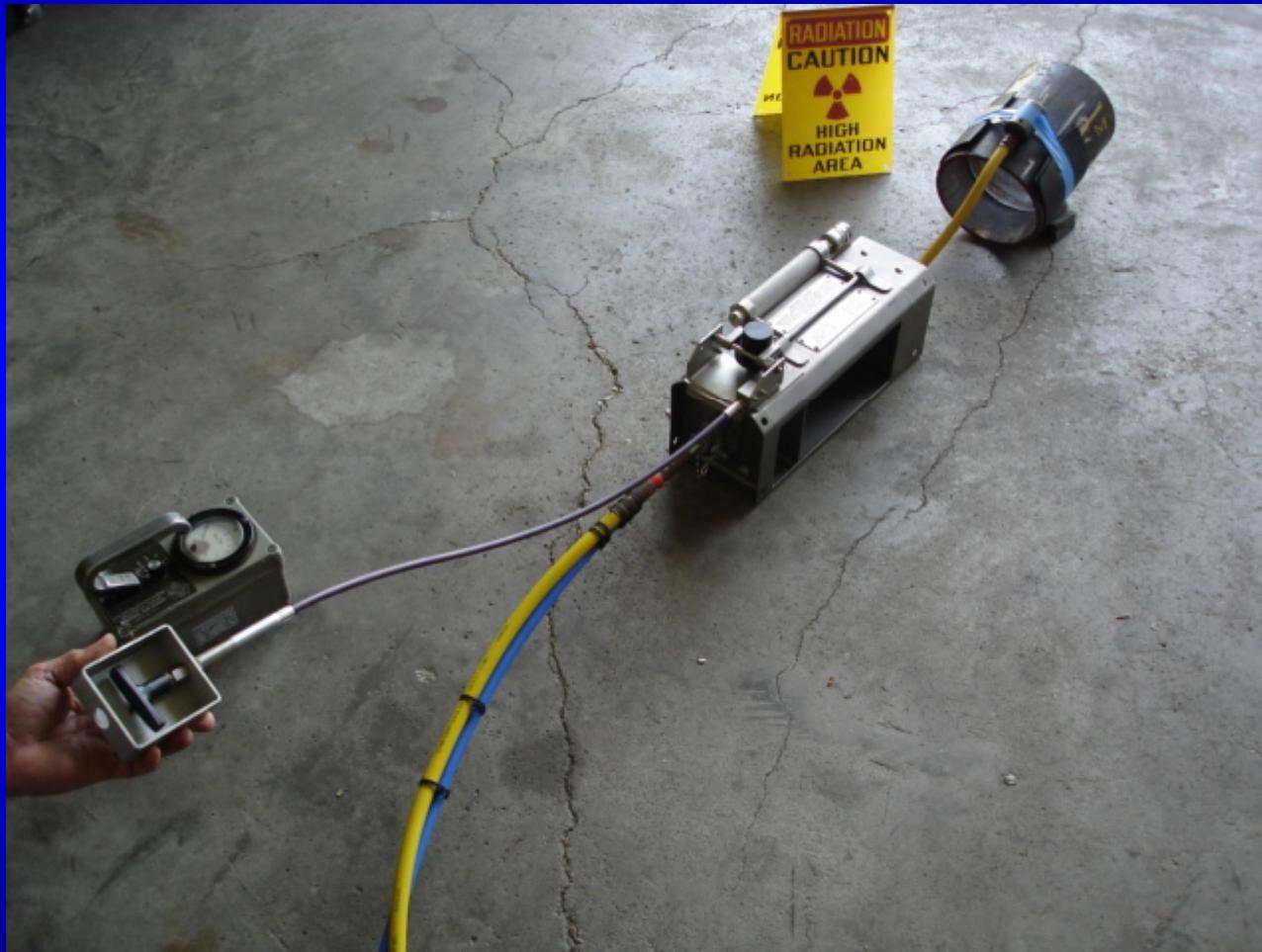
# Set Up for Industrial Radiography

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# Set Up for Industrial Radiography

---



# Set Up for Industrial Radiography

---



# Source Exchanges



# Source Exchanges - Unloading Old Source

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## Source Exchanges - Unloading Old Source

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# Source Exchanges - Unloading Old Source

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# Source Exchanges - Unloading Old Source

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# Source Exchanges - Unloading Old Source

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# Source Exchanges - Unloading Old Source

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## Source Exchanges - Unloading Old Source



# Source Exchanges - Loading New Source

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# Source Exchanges - Loading New Source

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# Source Exchanges - Loading New Source

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# Source Exchanges - Loading New Source

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# Source Exchanges - Loading New Source

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# Source Exchanges - Loading New Source

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# Source Exchanges - Loading New Source



# Source Exchanges - Loading New Source

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# Radiography Equipment



**Questions?**