

EXERTUS GAMMASAFE

CIRCA & RID-Se4P



OSERIX S.A. presents the EXERTUS®GAMMASAFE kit, a lightweight Close Proximity Radiography System designed to be used in conjunction with an EXERTUS®CIRCA and EXERTUS®RID-Se4P projector loaded with a Se-75 source type SR 17.

The EXERTUS®GAMMASAFE kit is designed to reduce the “safety perimeter” thus minimize production down times.

The big advantages of the EXERTUS®GAMMASAFE radiographic kit are :

- Less Dose Rate for operator
- Reduced radiation area (with a source of 40 Ci Se-75 0.25 mR/hr at 2.1m safety barrier for public)
- Minimize interference with other operations (i.e. welding & cutting)
- Higher productivity
- Less down time
- Cost savings
- Flexible Protective MATS
- Suitable for most pipe works Ø (1” & 4” in Elliptical mode / 4” & 15”in Contact mode)
- Close Proximity Collimator (EXERTUS® RID-Se4P only)
- Contact Shot Clamping Jig
- To accommodate Contact, Ellipse & Panoramic shots
- User friendly, Simple and Easy to set-up

YOUR **NDT** PARTNER



CONTACT MODE

EXERTUS® CIRCA

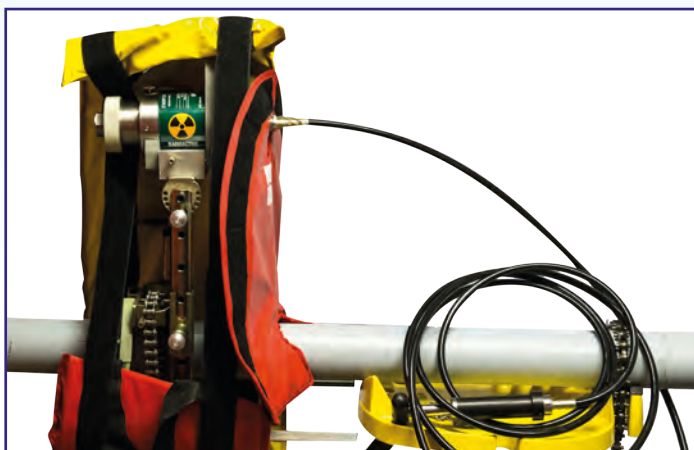


EXERTUS® RID-Se4P



ELLIPTICAL MODE

EXERTUS® CIRCA



EXERTUS® RID-Se4P



THE REMOTE CONTROL EXERTUS® PUSH/PULL ONLY FOR EXERTUS® CIRCA



PROXIMITY MODE

EXERTUS® CIRCA



EXERTUS® RID-Se4P



STANDARD MODE

EXERTUS® CIRCA



EXERTUS® RID-Se4P



IN CONJUNCTION WITH STANDARD REMOTE CONTROL
EXERTUS® REELTYPE OR EXERTUS® PISTOL GRIP



EXERTUS GAMMASAFE

CIRCA & RID-Se4P

EXERTUS® GAMMASAFE KIT Composition

For EXERTUS® CIRCA & RID-Se4P:

- Ellipse Stand (1x)
- Contact Shot Clamping Jig (1x)
- Large Protective MATS (2x)
- Envelope for Large Protective MATS (2x)
- Primary Beam Protective MATS (1x)
- Envelope for Primary Beam Protective MATS (1x)
- Ellipse Triangle Protective MATS (1x)
- Envelope for Ellipse Triangle Protective MATS (1x)
- Flexible Tungsten Shielded Guide Tube 750 mm (1x)
- EXERTUS® CIRCA / RID-Se4P GAMMASAFE Collimator 60° (1x)



For EXERTUS® RID-Se4P only:

- EXERTUS® RID-Se4P Close Proximity Collimator



Technical Specifications EXERTUS® RID-Se4P Close Proximity Collimator

Total Weight	10 kg
Attenuation Coefficient	8192
Beam Size	60° Conical, Side Throw
Material Type	Tungsten Heavy Alloy
Insert Apertures	20 mm x 20 mm
	12 mm x 12 mm
	12 mm x 38 mm
HVL	Se-75 (0,4 MeV) 2,5 mm

Technical Specifications GAMMASAFE MATS

Protective MATS dimensions		
Large Protective MATS	(L)915 mm x (W)305 mm x (T)9,5 mm	
Primary Beam Protective MATS	(L)305 mm x (W)305 mm x (T)9,5 mm	
Ellipse Triangle Protective MATS	(L)400 mm x (W)300 mm x (T)9,5 mm	
Weight	Large Protective MATS (10,8 kg)	
	Primary Beam Protective MATS (5 kg)	
	Ellipse Triangle Protective MATS (5 kg)	
Temperature Range	- 85°C to 200°C	
HVL	Se-75 (0,4 MeV)	10 mm

Technical Specifications EXERTUS® CIRCA / RID-Se4P GAMMASAFE Collimator 60° / 90°

Total Weight	2.9 kg
Attenuation Coefficient	256
Beam Size	60° / 90° Conical, Side Throw
Material Type	Tungsten Heavy Alloy
HVL	Se-75 (0,4 MeV) 2,5 mm

Technical Specifications EXERTUS® SHIELDED GUIDE TUBE 750 mm

Total Weight	4.5 kg
Length	750 mm (also exist in other sizes)
Outer Diameter	39 mm
Inner Diameter	19 mm
Outer Shell	Stainless Steel
Shielding	Tungsten Heavy Alloy
Temperature Range	- 85°C to 200°C
HVL	Se-75 (0,4 MeV) 10 mm



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