

Rev 2
06/22

EXERTUS[®] SERIES

Product Catalogue





Company Profile

Created in 2010, OSERIX S.A. has been born by the marriage of designers, manufacturers, suppliers and market knowledge experiences.

This unique concept offers to OSERIX S.A. the permanent access on what a company needs to grow. The youth of our company does not prevent us competing with the biggest. Indeed, being managed by more than 15 years experienced NDT individuals, OSERIX S.A. can today offer a large portfolio of NDT products through its already large distribution network.

Already distributing in Europe, Maghreb in North West Africa, South Africa, the Middle East, South East Asia and Latin America, OSERIX S.A. continues to grow by exploring other regions and opportunities, allowing them to offer the service to which a customer is entitled.

OSERIX S.A. has a quick reaction time, providing customers with good quality products and services at competitive prices.



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YOUR **NDT** PARTNER

Section 1: Gammagraphy

EXERTUS® DUAL 120



Technical Specifications

Basic Construction Standards	ISO 3999:2004 Compliant
Isotopes	Ir-192 or Se-75 under special form
Ir-192 half life	73.8 days
Se-75 half life	119.8 days
Activity	
Ir-192	4.44 TBq (120 Ci)
Se-75	7.4 TBq (200 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	22 kg (48.5 lb)
DU Weight	14 kg (30.8 lb)
Dimensions	
Length	302 mm (11.89")
Width	124 mm (4.88")
Height	207 mm (8.15")
Outer Shell	CrNi Steel
Shielding	Depleted Uranium
Labyrinth	Tungsten Heavy Alloy
Type	B(U) RUS / 5786 / B(U)-96T

Accessories for EXERTUS[®] DUAL 120



Crawler Actuator JME for EXERTUS[®] DUAL 120 PROJECTORS

- 1 **AC068** EXERTUS[®] DUAL / NOVUM Source Holder
- 2 **AC019** EXERTUS[®] DUAL 120 Emergency Plug
- 3 **AC106** Actuator for EXERTUS[®] DUAL 120

Packages

Codes	Articles
PKS1201	EXERTUS[®] DUAL 120 Standard Package • EXERTUS[®] DUAL 120 (incl. Source Holder) • EXERTUS[®] Guide Tube Coupling • EXERTUS[®] Emergency Plug • EXERTUS[®] Go / No-Go Gauge
PKI1201	EXERTUS[®] DUAL 120 Industrial Package • EXERTUS[®] DUAL 120 (incl. Source Holder) • EXERTUS[®] Guide Tube Coupling • EXERTUS[®] DUAL 120 Emergency Plug • EXERTUS[®] Go / No-Go Gauge • EXERTUS[®] Guide Tube 2.1 m • EXERTUS[®] DUAL TIP 65 mm • EXERTUS[®] ERGO TWIN Remote Control 10 m • EXERTUS[®] DUAL Collimator 60° • EXERTUS[®] Waterproof Transportation Box

EXERTUS® NOVUM



Technical Specifications

Basic Construction Standards	ISO 3999:2008 Compliant
Isotopes	Ir-192 or Se-75 under special form
Ir-192 half life	73.8 days
Se-75 half life	119.8 days
Activity	
Ir-192	2.775 TBq (75 Ci)
Se-75	7.40 TBq (200 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	18 kg (40 lb)
DU Weight	11 kg (24.3 lb)
Dimensions	
Length	335 mm (13.19")
Width	124 mm (4.88")
Height	207 mm (8.15")
Materials Used	
Outer Shell	CrNi steel
Shielding	Depleted Uranium
Labyrinth	Tungsten Heavy Alloy
Type	B(U) RUS / 7223 / B(U)-96T

Accessories for EXERTUS® NOVUM



- | | |
|----------------|-------------------------------------|
| 1 AC068 | EXERTUS® DUAL / NOVUM Source Holder |
| 2 AC064 | EXERTUS® NOVUM Emergency Plug |

Packages

Codes

Articles

PKSNO01

EXERTUS® NOVUM Standard Package

- EXERTUS® NOVUM (incl. Source Holder)
- EXERTUS® Guide Tube Coupling
- EXERTUS® NOVUM Emergency Plug
- EXERTUS® Go / No-Go Gauge

PKINO01

EXERTUS® NOVUM Industrial Package

- EXERTUS® NOVUM (incl. Source Holder)
- EXERTUS® Guide Tube Coupling
- EXERTUS® NOVUM Emergency Plug
- EXERTUS® Go / No-Go Gauge
- EXERTUS® Guide Tube 2.1 m
- EXERTUS® DUAL TIP 65 mm
- EXERTUS® ERGO TWIN Remote Control 10 m
- EXERTUS® DUAL Collimator 60°
- EXERTUS® Waterproof Transportation Box

EXERTUS® CIRCA



Technical Specifications

Basic Construction Standards		ISO 3999:2004 Compliant	
Isotopes		Se-75 under special form	
Se-75 half life		119.8 days	
Activity			
Se-75	CIRCA 40	1.5 TBq	(40 Ci)
	CIRCA 80	2.96 TBq	(80 Ci)
	CIRCA 120	3.7 TBq	(100 Ci)
Surface Dose Rate		Max. 2mSv/h	
Total Weight	CIRCA 40	(8.4 kg)	
	CIRCA 80	(8.8 kg)	
	CIRCA 120	(9.0 kg)	
Dimensions			
Length		203 mm (8")	
Width		110 mm (4.33")	
Height		191 mm (7.52")	
Materials Used			
Outer Shell		Stainless Steel	
Shielding		Tungsten Heavy Alloy	
Source Channel		Tungsten Heavy Alloy	
Type		B(U) RUS / 5789 / B(U)-96T	

Accessories for EXERTUS® CIRCA



- 1 *incl with CIRCA EXERTUS® CIRCA Collimator
- 2 *incl with CIRCA EXERTUS® Push Pull Remote Control 5 m
- 3 *incl with CIRCA EXERTUS® Adaptator Guide Tube CIRCA
- 4 AC069 EXERTUS® CIRCA / RID-SE4P Source Holder

Packages

Codes

Articles

EXERTUS® CIRCA 40 / 80 / 120 Standard Package

PKSCI01 (EXERTUS® CIRCA 40)
PKSCI02 (EXERTUS® CIRCA 80)
PKSCI03 (EXERTUS® CIRCA 120)

- EXERTUS® CIRCA 40 / 80 / 120 (incl. Source Holder)
- EXERTUS® Push Pull Remote Control 5 m
- EXERTUS® Adaptator Guide Tube CIRCA
- EXERTUS® Go / No-Go Gauge
- EXERTUS® CIRCA Close Proximity Collimator

EXERTUS® CIRCA 40 / 80 / 120 Industrial Package

PKICI01 (EXERTUS® CIRCA 40)
PKICI02 (EXERTUS® CIRCA 80)
PKICI03 (EXERTUS® CIRCA 120)

- EXERTUS® CIRCA 40 / 80 / 120 (incl. Source Holder)
- EXERTUS® Go / No-Go Gauge
- EXERTUS® Adaptator Guide Tube CIRCA
- EXERTUS® Guide Tube 2.1 m
- EXERTUS® CIRCA / RID-SE4P TIP 65 mm
- EXERTUS® ERGO TWIN Remote Control 10 m
- EXERTUS® CIRCA / RID-SE4P Collimator 60°
- EXERTUS® Push Pull Remote Control 5 m
- EXERTUS® Waterproof Transportation Box

EXERTUS® RID-Se4P



Technical Specifications

Basic Construction Standards	ISO 3999:2000 Compliant
Isotopes	Se-75 under special form
Se-75 half life	119.8 days
Activity	
Se-75	Type B - 4.44TBq (120Ci) Type A - 3.0 TBq (81 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	7.0 kg (15.43 lb)
DU Weight	2.7 kg (5.95 lb)
DU Activity	1.42 mCi (52.6 MBq)
Dimensions	
Length	224 mm (8.82")
Width	100 mm (3.94")
Height	175 mm (6.89")
Materials Used	
Outer Shell	CrNi Steel
Shielding	Depleted Uranium
Source Channel	Tungsten Heavy Alloy
Type	B(U) RUS / 5373 / B(U)-96T

Accessories for EXERTUS® RID-Se4P

- | | | |
|---|-------|--|
| 1 | AC020 | EXERTUS® RID-SE4P Emergency Plug |
| 2 | AC007 | EXERTUS® RID-SE4P Close Proximity Collimator |
| 3 | AC069 | EXERTUS® CIRCA / RID-SE4P Source Holder |



Packages

Codes

Articles

PKSRI01

EXERTUS® RID-SE4P Standard Package

- EXERTUS® RID-SE4P (incl. Source Holder)
- EXERTUS® Guide Tube Coupling
- EXERTUS® RID-SE4P Emergency Plug
- EXERTUS® Go / No-Go Gauge

PKIRI01

EXERTUS® RID-SE4P Industrial Package

- EXERTUS® RID-SE4P (incl. Source Holder)
- EXERTUS® Go / No-Go Gauge
- EXERTUS® Guide Tube Coupling
- EXERTUS® Guide Tube 2.1 m
- EXERTUS® CIRCA / RID-SE4P TIP 65 mm
- EXERTUS® ERGO TWIN Remote Control 10 m
- EXERTUS® CIRCA / RID-SE4P Collimator 60°
- EXERTUS® Waterproof Transportation Box

EXERTUS® VOX 100 / 400



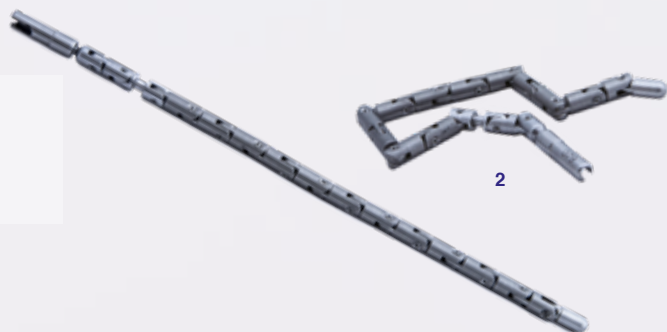
Technical Specifications VOX 100

Basic Construction Standards	ISO 3999:2004 Compliant
Isotopes	Co-60 under special form
Co-60 half life	Co-60 Half life 5.27 years
Activity	
Co-60:	3.7 TBq (100 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	185 kg
DU Weight	125 kg
DU Activity	65.88 mCi (2437.34 MBq)
Dimensions	
Length	450 mm (17.7")
Width	270 mm (10.63")
Height	320 mm (12.6")
Materials Used	
Outer Shell	Stainless Steel
Shielding	Depleted Uranium
Labyrinth	Tungsten Heavy Alloy
Type	B(U) RUS / 5809 / B(U)-96T

Accessories for EXERTUS® VOX 100 / 400



1



2

- | | |
|----------------|---------------------------------|
| 1 AC008 | EXERTUS® VOX 100 Collimator 60° |
| 2 AC070 | EXERTUS® VOX 100 Source Holder |

Technical Specifications VOX 400

Basic Construction Standards	ISO 3999:2004 Compliant
Isotopes	Co-60 under special form
Co-60 half life	Co-60 Half life 5.27 years
Activity	
Co-60:	14.8 TBq (400 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	320 kg
DU Weight	236 kg
DU Activity	65.88 mCi (2437.34 MBq)
Dimensions	
Length	615 mm (24.2")
Width	315 mm (12.4")
Height	395 mm (15.5")
Materials Used	
Outer Shell	Stainless Steel
Shielding	Depleted Uranium
Labyrinth	Tungsten Heavy Alloy
Type	B(U) RUS / 5947 / B(U)-96T

EXERTUS® LIGHT



Technical Specifications LIGHT

Basic Construction Standards	ISO 3999:2004 Compliant
Isotopes	Se-75 under special form
Se-75 half life	119.8 days
Activity	
Se-75	Type B - 4.44TBq (120Ci) Type A - 3.0 TBq (81 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	6.0 kg (13.2 lb)
DU Weight	1.5 kg (3.3 lb)
DU Activity	1.42 mCi (52.6 MBq)
Dimensions	
Length	216 mm (8.50")
Width	110 mm (4.33")
Height	189 mm (7.44")
Materials Used	
Outer Shell	CrNi Steel
Shielding	Depleted Uranium
Source Channel	Tungsten Heavy Alloy
Type	B(U) RUS / 7132 / B(U)-96T

EXERTUS[®] LIGHT W



Technical Specifications LIGHT W

Basic Construction Standards	ISO 3999:2004 Compliant
Isotopes	Se-75 under special form
Se-75 half life	119.8 days
Activity	
Se-75	Type B - 4.44TBq (120Ci) Type A - 3.0 TBq (81 Ci)
Surface Dose Rate	Max. 2mSv/h
Total Weight	8.0 kg (17.6 lb)
Dimensions	
Length	216 mm (8.50")
Width	110 mm (4.33")
Height	189 mm (7.44")
Materials Used	
Outer Shell	Stainless Steel
Shielding	Tungsten Heavy Alloy
Source Channel	Tungsten Heavy Alloy
Type	B(U) RUS / 7131 / B(U)-96T

EXERTUS® Accessories for all EXERTUS® Devices



AC033 EXERTUS® Guide Tube 1 m

AC034 EXERTUS® Guide Tube 2.1 m

AC035 EXERTUS® Guide Tube 3 m

AC036 EXERTUS® Guide Tube 5 m

AC037 EXERTUS® Guide Tube 10 m



AC050 EXERTUS® Remote Control Coupling



AC053 EXERTUS® Double Nipple M18 x 1.5



AC054 EXERTUS® Go / No-Go Gauge



AC055 EXERTUS® Guide Tube Coupling





AC118 EXERTUS® Stand for Ergo Twin & GammaMat GII RC

AC042 EXERTUS® PISTOL Type Remote Control 5 m

AC043 EXERTUS® PISTOL Type Remote Control 10 m

AC094 EXERTUS® ERGO TWIN Remote Control 5 m

AC095 EXERTUS® ERGO TWIN Remote Control 10 m

AC096 EXERTUS® ERGO TWIN Remote Control 15 m

AC044 EXERTUS® Reel Type Remote Control 5 m

AC045 EXERTUS® Reel Type Remote Control 10 m

AC046 EXERTUS® Reel Type Remote Control 15 m



EXERTUS[®] Accessories for EXERTUS[®] DUAL / NOVUM

Tungsten Collimators Ir-192 / Se-75



AC001 EXERTUS[®] DUAL / NOVUM Collimator 60°



AC002 EXERTUS[®] DUAL / NOVUM Collimator 90°



AC003 EXERTUS[®] DUAL / NOVUM Collimator 360°

Source Terminals Ir-192 / Se-75



AC081 EXERTUS[®] DUAL / VOX 100 TIP 65 mm



AC082 EXERTUS[®] DUAL / VOX 100 TIP 150 mm



AC084 EXERTUS[®] DUAL / VOX 100 TIP 500 mm



AC085 EXERTUS[®] DUAL / VOX 100 TIP 1000 mm

EXERTUS[®] Accessories for EXERTUS[®] RID-Se4P / CIRCA / LIGHT

Tungsten Collimators Se-75



AC004 EXERTUS[®] CIRCA / RID-SE4P / LIGHT Collimator 60°



AC005 EXERTUS[®] CIRCA / RID-SE4P / LIGHT Collimator 90°



AC006 EXERTUS[®] CIRCA / RID-SE4P / LIGHT Collimator 360°



AC017 EXERTUS[®] CIRCA / RID-SE4P GammaSafe Collimator 60°



AC007 EXERTUS[®] RID-SE4P Close Proximity Collimator

Source Terminals Se-75



AC086 EXERTUS[®] CIRCA / RID-SE4P / LIGHT TIP 65 mm



AC087 EXERTUS[®] CIRCA / RID-SE4P / LIGHT TIP 120 mm



AC089 EXERTUS[®] CIRCA / RID-SE4P / LIGHT TIP 300 mm





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