

# Ralco

X-RAY COLLIMATORS



Value, Quality and Experience



## R 105

**Single layer, square field, manual collimation system with a lightweight and compact design intended for installation on mobile X-ray equipment. This device has been designed and manufactured for skeletal investigations and ER applications.**

**This model includes the following standard features:**

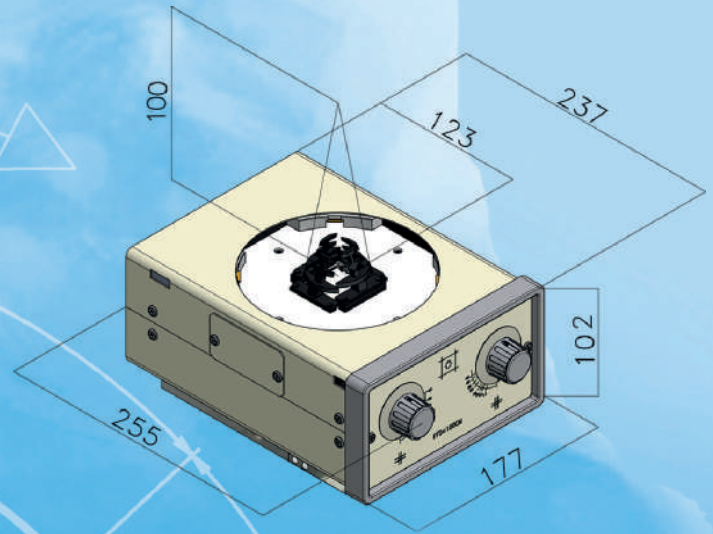
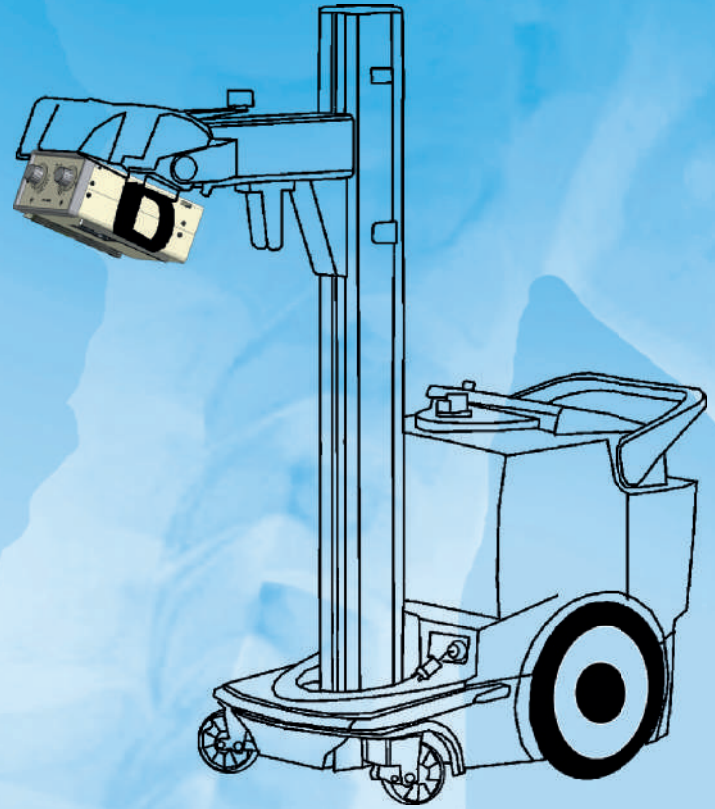
- Maximum Radiation Leakage: 125 kVp - 4 mA
- Single Layer Square Field: 0x0 cm to 43x43 cm at 100 cm SID
- Minimum Inherent Filtration: 2 mm Al equivalent
- White LED on request
- Dimensions: 255x177x102 mm
- Weight: 4.6 Kg
- 2 Pairs of Shutters
- Focus to Mounting Plane Distance: 100 mm
- Accessory Guide Rails
- Color Customizations and Many Other Personalization Options Available

# R 105

## TECHNICAL FEATURES

Application	Mobile X-Ray Equipment		
Mode of Operation	Manual		
Power Supply	24 V AC/DC - 2 A		
cCSAUs and DHHS Certification	✗		
Mounting Plane	Standard: 100 mm		
	Customized	✗	
Leakage Radiation	125 kVp - 4 mA	✓	
	150 kVp - 4 mA	✗	
Field Type	Square Field	With Potentiometer	✗
		Without Potentiometer	✓
	Round Field		✗
Minimum Inherent Filtration	2 mm Al equivalent	✓	
	1 mm Al equivalent	◆	
	Customized	✗	
Additional Variable Filtration	Manual	✗	
	Motorized	✗	
Light Source	LED	✓	
	Halogen Lamp	◆	
	No Light	✗	
SID Measurement	Electronic	✗	
	Retractable Tape Measure	◆	
Image Receptor Alignment	Centering Light		✗
	Single Laser	Class I	✗
		Class II	✗
	Double Laser	Class I	✗
Class II		✗	
Flanges and Spacers	Iron mounting flange spacers: 1.5 thickness		◆
	Fixed	Metal	✓
		Resin	✗
	Rotating	Metal	◆
Resin		◆	
Collimator Mounting Method	Manual Alignment with Metal Flange		✓
	Automatic Centering with Metal Flange		◆
	Automatic Centering with Resin Flange		◆
	Customized Attachment		✗
User Interface	CAN-Bus		✗
	CAN-Open		✗
Patient Monitoring Camera			✗
Proximity Sensor			✗

✓ Standard    ◆ Optional    ✗ Not Available



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**CUSTOM MODELS ON REQUEST**

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