

# Ralco

X-RAY COLLIMATORS



Value, Quality and Experience



Configurable, simple and user friendly  
easy to supply with different applications  
for various customers

## R 225 ACS

TOUCHSCREEN

**Multilayer, square field, automatic collimation system intended for installation on stationary X-ray equipment.**

**This device has been designed and manufactured for skeletal, gastrointestinal, urographic and thoracic investigations.**

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

- Maximum Radiation Leakage: 150 kVp - 4 mA
- Multilayer Square Field: 0x0 cm to 48x48 cm at 100 cm SID
- Minimum Inherent Filtration: 2 mm Al equivalent
- Additional Variable Filtration (on request)
- White LED
- Dimensions: 282x244x216 mm
- Weight: 11 Kg
- 6 Pairs of Shutters
- 7-inch Multi-Touch display (RO 544)
- CanBus Protocol
- Color Customizations and Many Other Personalization Options Available

# R 225 ACS

TOUCHSCREEN

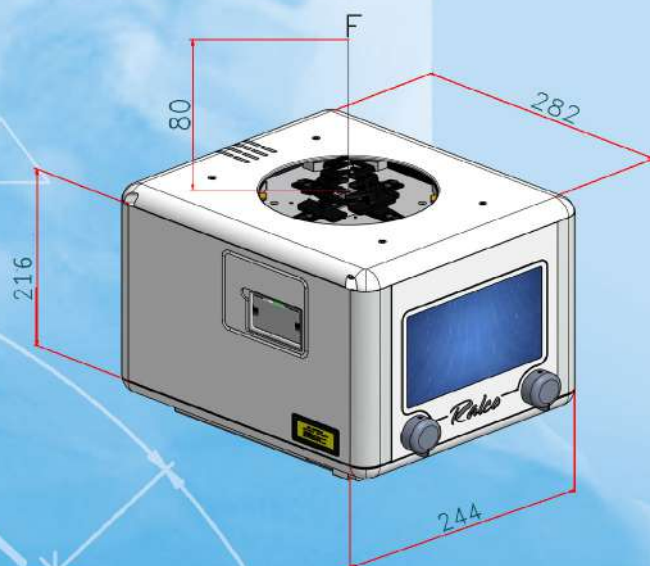
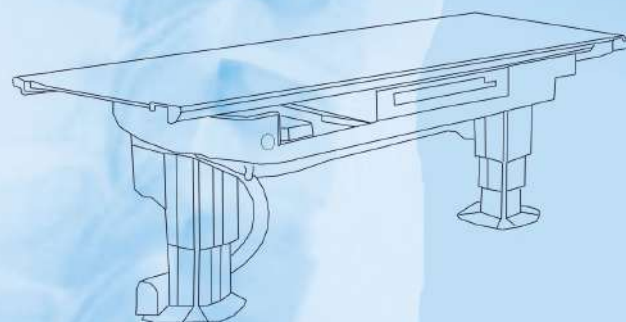
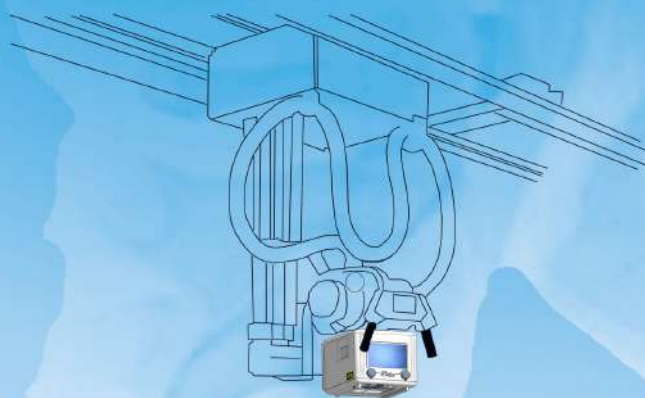
## TECHNICAL FEATURES

Application	Remote Control, Ceiling Suspension and Tube Stand X-Ray Equipment		
Mode of Operation	Automatic		
Power Supply	24 V AC/DC - 2 A		
cCSAUs and DHHS Certification	◆		
Mounting Plane	Standard: 80 mm		
	Customized		✕
Leakage Radiation	125 kVp - 4 mA		✕
	150 kVp - 4 mA		✓
Field Type	Square Field	With Potentiometers	◆
		Without Potentiometers	✓
		With Encoders	◆
		Customized	◆
	Round Field		◆
Minimum Inherent Filtration	2 mm Al equivalent		✓
	1 mm Al equivalent		◆
	0.3 mm Al equivalent		✕
Additional Variable Filtration	Manual		✕
	Automatic		◆
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 mm thickness		✓
	Iron mounting flange spacers: 1 mm 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	◆		
Asymmetric Longitudinal Shutters	◆		
Touchscreen Display	◆		

✓ Standard

◆ Optional

✕ Not Available



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**CUSTOM MODELS ON REQUEST**

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