

**FPD: Model for High Energy**  
**FXG-DR1012W**



- Withstanding voltage 1330kV
- Wireless communication
- Weightlessness (3.4kg)

**FPD: Model for Wide Area**  
**FXG-DR1417W**



- Size for detector 14\*17 inch
- Wireless communication
- Withstanding voltage 330kV

## Industrial X-ray Cabinet System Radioflex Cabinet 170/RFC-170



**Mobile Imaging Plate Scanner**  
**CR-1012**



- Robust and mobile
- Small size and weightlessness(35kg)
- Minimum pixel size 25μm

**FPD: Model for Small and High Resolution**  
**DR-Micro20**



- Size for detector 23\* 26mm
- Number of pixel 1300\*1800
- Pixel Size 20μm

• The numeric values of performance indicated in the brochure are based on the test results at Rigaku. Rigaku does not warrant that the identical value can always be obtained regardless of different operational environments.

• Company names and product names in this catalog are trademarks of the companies and/or registered trademarks.

**Specification subject to change without notice.**

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Industrial X-ray Cabinet System

# Radioflex Cabinet 170 (Model: RFC-170)



Industrial X-ray Cabinet System consists of X-ray cabinet and X-ray generator. We meet you various needs for non destructive inspection , such as inspection of welding of pipes , welding of light alloy and connection of synthetic resin.

- Dose rate is on the surface of X-ray cabinet is 1μSv /h or less.
- Function of Interlock stops X-ray generation, when the door of X-ray cabinet is opened.
- An electromagnetic lock keeps doors closed while X-ray is being generated.
- X-ray generation is suspended by activating emergency stop switches (At inside/Outside X-ray cabinet each, total 2 places).
- X-ray generation indicator lamp is lit up while X-ray is being generated.
- Inter light is installed in X-ray cabinet. When to open / close door, synchronize the light power On/ Off.

## Radioflex Cabinet 170 (Model: RFC-170)



### Specification

X-ray generator		X-ray cabinet	
Tube Voltage	70-170kV in steps of 2kV	Dose rate	1μSv/h or less on the surface
Tube Current	(STD mode) 5mA (at 90kV or more) (LOW mode) ≒ 4mA (at 90kV or more)	Standard features	Interlock with door
Duty cycle	100% (10min. -10°Cto +45°C)		Electromagnetic lock
X-ray tube	Ceramic X-ray tube Focal spot size(nominal) 2.0mm×2.0mm		Emergency stop switches
Inherent filter	Aluminum 2mm + Beryllium 1mm		Casters for mobility, adjuster bolts for fixing (may not be fitted in some case, owing to box shape, weight, etc.)
Generator insulation	SF6 insulation gas	Dimension	X-ray generation indicator lamp
Generator cooling	Forced air cooling by radiator		Outside : 1200 * 800 * 1800mm
			Inside : 1130 * 680 * 1200mm
			Weight : About 1.5t