

Radioflex

Portable Industrial X-ray Inspection Apparatus

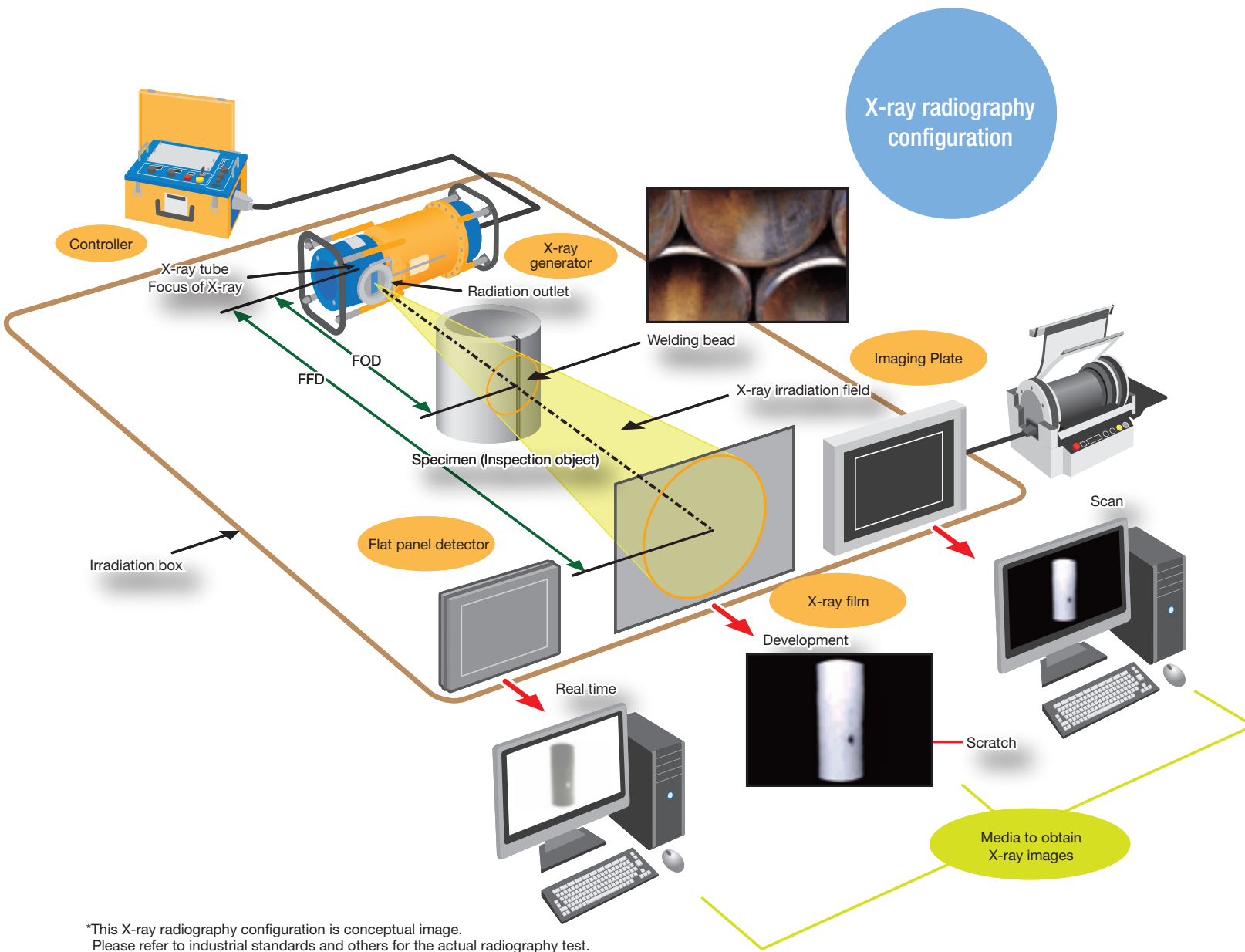


New feature of X-ray imaging environment with enhanced operationality and safety

Radioflex

"Radioflex" series are the most reliable portable X-ray inspection apparatus. We meet your various needs of non-destructive inspection, such as inspections of pipes at various plant, building maintenance, cement core at building, welding of light alloy and connection of synthetic resin.

X-ray radiography configuration



*This X-ray radiography configuration is conceptual image. Please refer to industrial standards and others for the actual radiography test.

Simple operation based on direct settings*

The rotary encoder setting for X-ray tube voltage and exposure time enables easy adjustment of optimal exposure condition.

*RF-EGM2 Series, RF-300M2F

Reduced operating time with optimum aging mode*

Automatic aging mode will start when 8 hours have passed after the last stop. Unnecessary aging times are eliminated because the current kV setting is used for the aging.

*RF-EGM2 Series: Max voltage is used for automatic aging when stop period exceeds 30 days.

Power-saving mode enables use in limited-power environments*

New feature enables switch from standard-power (STD) to power-saving mode (LOW) when power supply capacity is limited.

*RF-EGM2 Series

Safe operation assured by a variety of safety functions

Various safety functions provide inspections with reassurance.

- Safety key-switch
- Interlock mechanism
- Buzzer alarm function

System configuration

X-ray generator, controller, accessories, remote controller (with 20m cable) Please refer to page 6 for the details of accessories.

*RF-EGM2 series





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Radioflex RF-200SPS

RF-200SPS is optimum X-ray radiographic tool for on-site inspection especially located in a narrow area or at a high place.

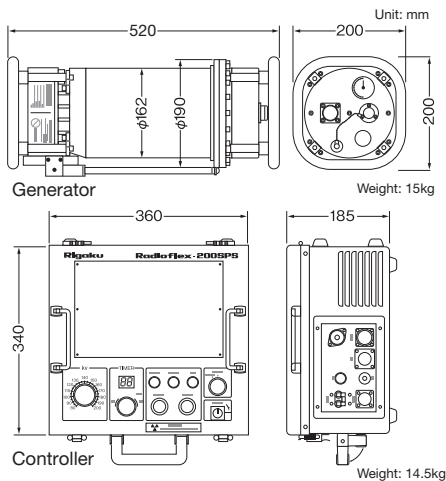


Robustness,
Easy operation



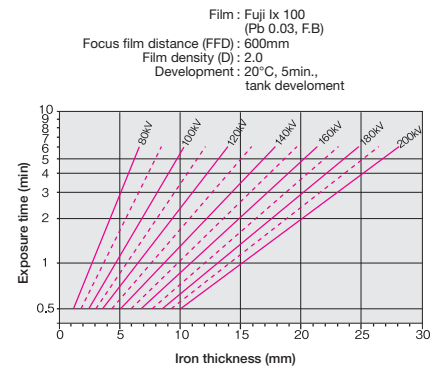
Excellent workability at
tough testing environment

RF-200SPS



Tube Voltage	80-200kV
Tube Current	3mA fix
Duty cycle	100% (6min. -10°C to +40°C)
X-ray tube	Ceramic X-ray tube Focal spot size (nominal) 2.0mm×2.0mm
Inherent filter	Aluminum 2mm + Beryllium 1mm
Dimensions	Generator 200(W)×200(D)×520(H)mm
	Controller 360(W)×340(D)×185(H)mm
Weight	Generator 15kg
	Controller 14.5kg
Power supply	Single phase AC 190-240V 50/60Hz
Power consumption	1kVA
Generator insulation	SF6 insulation gas
Generator cooling	Forced air cooling by radiator

Reference exposure chart



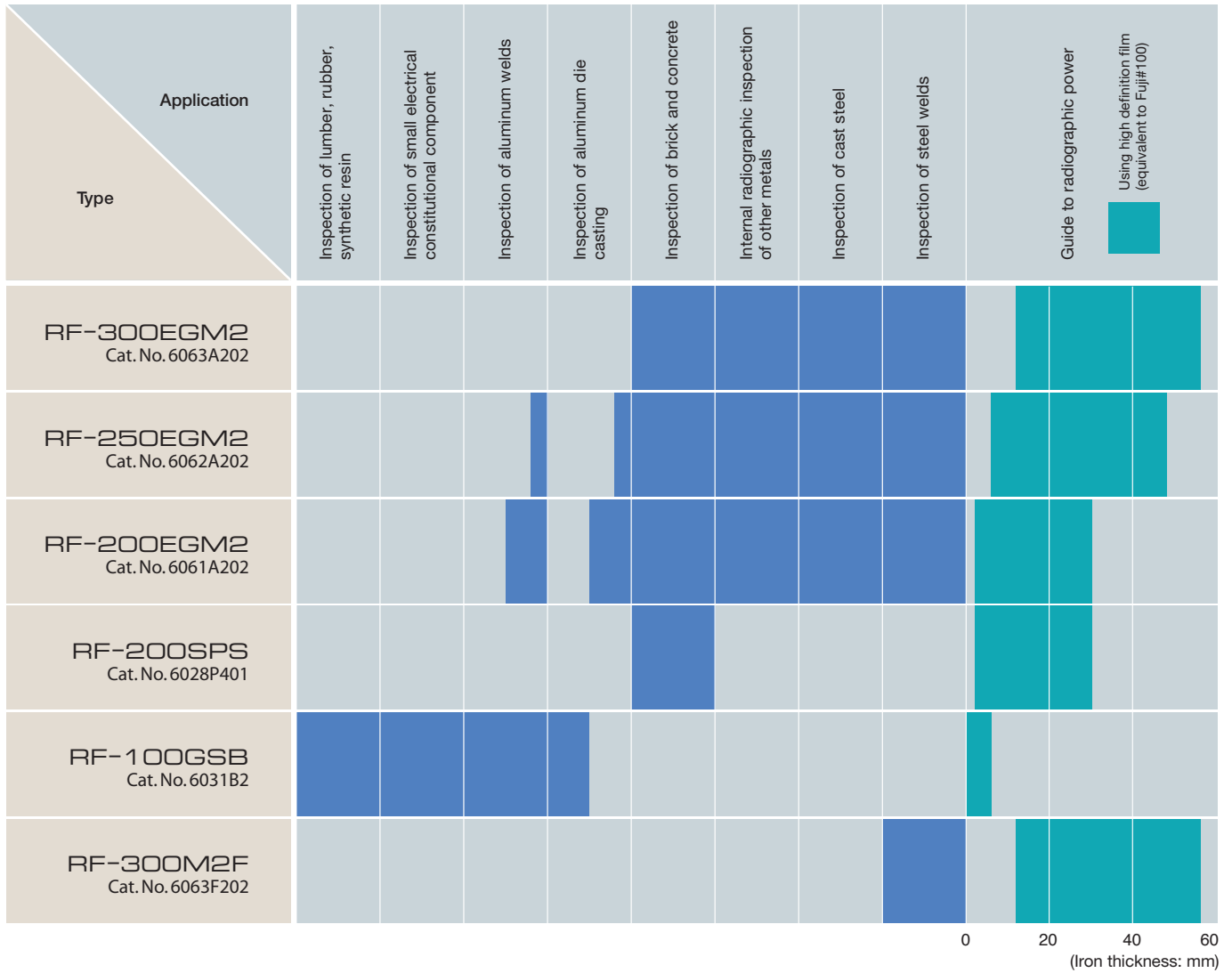
Made to order

RF-100GSB

Tube Voltage	20-100kV 20-50kV in steps of 2.5kV 50kV-100kV in steps of 5kV
Tube Current	5mA
Duty cycle	100% (6min. -10°C to +40°C)
X-ray tube	Glass X-ray tube Focal spot size (nominal) 1.5mm×1.5mm
Inherent filter	-
Dimensions	Generator 262(W)×262(D)×570(H)mm
	Controller 425(W)×380(D)×245(H)mm
Weight	Generator 22kg
	Controller 21.5kg
Power supply	Single phase AC 190V-240V 50/60Hz
Power consumption	1.0kVA
Generator insulation	SF6 insulation gas
Generator cooling	Forced air cooling by radiator

Radioflex

Application of each model



- The numeric values of performance indicated in this brochure are based on the test results at Rigaku. Rigaku does not warrant that the identical values can always be obtained regardless of different operational environments.
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Specations subject to change without notice.



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