

Portable Industrial X-ray Inspection Instrument

Radioflex

RF-2522CP

Compact & Light Weight

Optimized for Field Use

30 Mins. Continuous Up-time

Our new control system and unique high-voltage technology made it possible to achieve a significant reduction in size and weight.
This instrument will contribute to overall inspection efficiency and reduce the operator's work-load in the field.



Better performance than existing models*

*Existing model refers to RF-250EGM2

Compact & Light Weight

Weight reduced by 30% the existing model!
(Generator 20 kg, Controller 10 kg)

Controller layout

Continuous Radiation

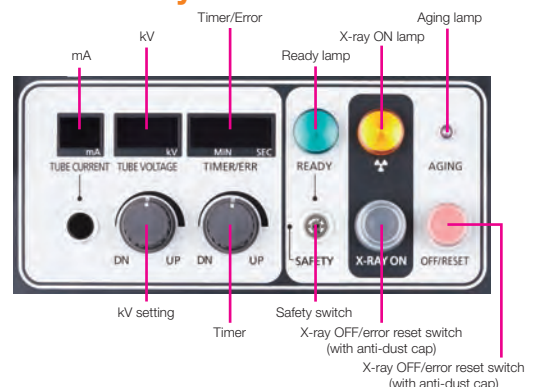
No cooling system needed for up to 30 minutes.

Multi Input Power Source

Compatible with both 100 V and 200 V.
(single phase AC 90-250 V)

Energy-saving

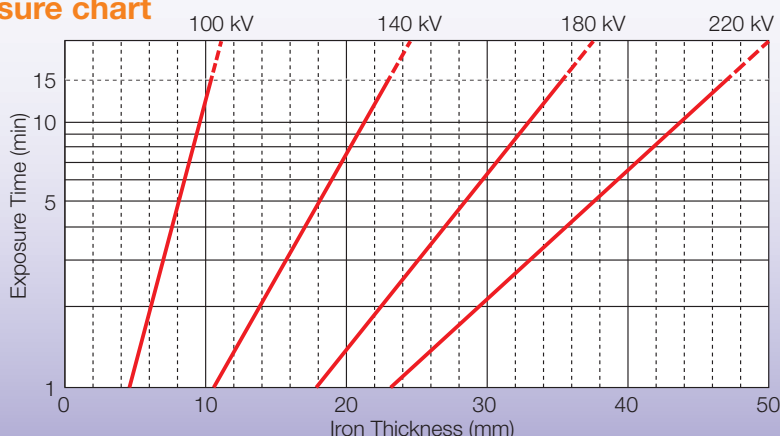
Working current reduced by 40%.
(model shown is 1.5 kVA)



Reference exposure chart

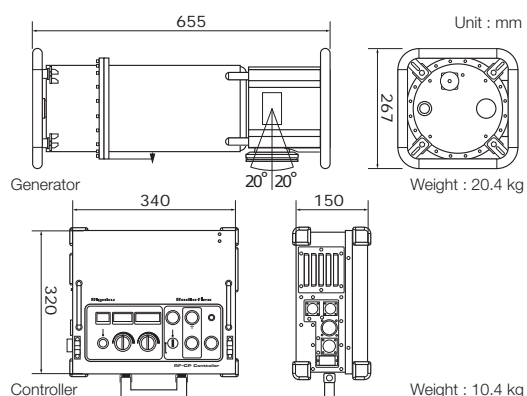
*Chart varies by conditions listed below.

- Iron composition
- Intensifying screen
- Image development conditions
- Filming arrangement



- Tube current 3 mA
- FFD 600 mm FFD
- Film density $D = 2.0$
- Film Fuji Ix100, ENVELOPAK Lead foil intensifying screen 0.027 mm
- Development Tank development 20°C, 5 min
- Test steel SS34P (rolled steel plate)

Main Specifications



	RF-2522CP	RF-250EGM2 (for reference)
Tube Voltage	80 ~ 220 kV (1 kV step)	110 ~ 250 kV (2 kV step)
Tube Current	3 mA (fixed)	STD mode: 5 mA (over 140 kV) LOW mode: 4 mA (over 140 kV)
Focal Spot Size	Ceramic X-ray tube 2.5 mm × 2.5 mm (JIS)	Ceramic X-ray tube 2.0 mm × 2.0 mm (IEC)
Power Supply	Single phase AC 90 ~ 250 V, 50 / 60 Hz	Single phase AC 190 ~ 240 V, 50 / 60 Hz
Power Consumption	1.5 kVA	(STD mode) 3.7 kVA (LOW mode) 2.8 kVA
Timer	1 sec. - 30 min. (1 sec. step)	1 sec. ~ 9 min. 59 sec. (1 sec. step)

System Configuration



Options

- Power cable for 100 V
- Laser alignment tool
- Remote controller

- 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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Specs subject to change without notice.

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