

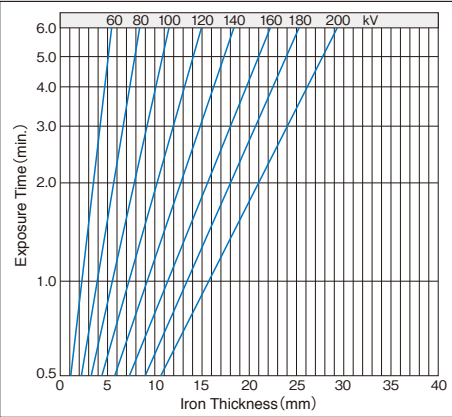
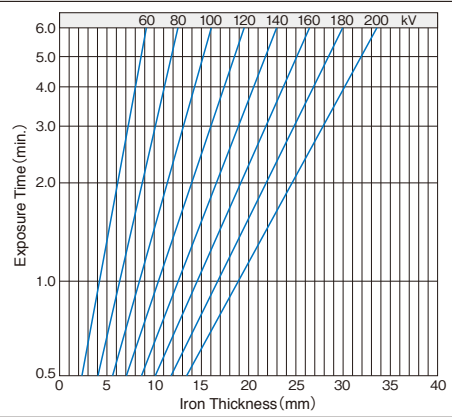
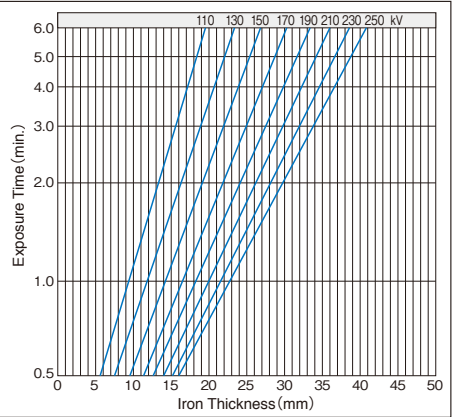
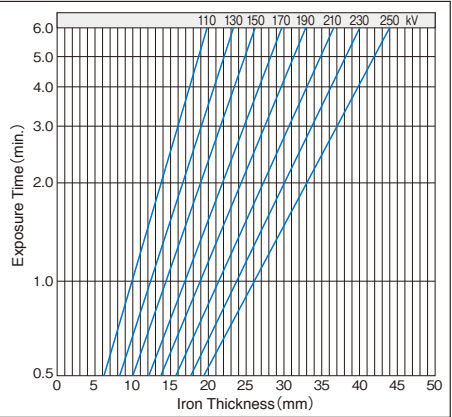
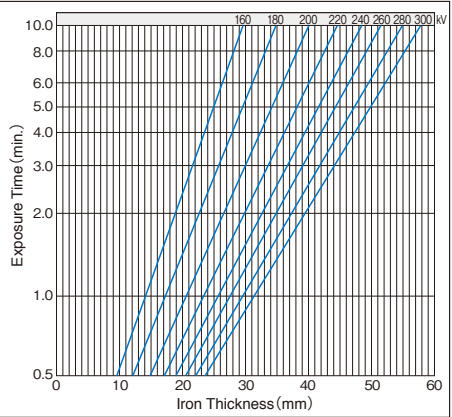
Specification and Performance

	RIX-200MC	RIX-200C	RIX-250MC	RIX-250C	RIX-300MC-2
Out put	Max rating 200kV, Tube current 3mA (constant) 60kV~100kV, 10kV step. 100kV~200kV, 5kV step.	Max rating 200kV, Tube current 5mA (constant) 60kV~100kV, 10kV step. 100kV~200kV, 5kV step.	Max rating 250kV, Tube current 3mA (constant) 110kV~150kV, 10kV step. 150kV~250kV, 5kV step.	Max rating 250kV, Tube current 5mA (constant) 110kV~150kV, 10kV step. 150kV~250kV, 5kV step.	Max rating 300kV, Tube current 3mA (constant) 160kV~200kV, 10kV step. 200kV~300kV, 5kV step.
Power source	Single phase 180V-240V, 50/60Hz, 1.3kVA	Single phase 180V-240V, 50/60Hz, 1.7kVA	Single phase 180V-240V, 50/60Hz, 1.6kVA	Single phase 180V-240V, 50/60Hz, 2kVA	Single phase 180V-240V, 50/60Hz, 1.7kVA
X-ray tube	With ceramic, beryllium window	With ceramic, beryllium window	With ceramic, beryllium window	With ceramic, beryllium window	With ceramic, beryllium window
Focus size	2.0mm×2.0mm (EN12543)	2.0mm×2.0mm (EN12543)	2.0mm×2.0mm (EN12543)	2.0mm×2.0mm (EN12543)	2.5mm×2.5mm (EN12543)
Filter	Aluminum 2mm, beryllium 1mm	Aluminum 2mm, beryllium 1mm	Aluminum 2mm, beryllium 1mm	Aluminum 2mm, beryllium 1mm	Aluminum 2mm, beryllium 1mm
Radiation Coverage	φ400mm at FFD 600mm	φ400mm at FFD 600mm	φ400mm at FFD 600mm	φ400mm at FFD 600mm	φ400mm at FFD 600mm
Radiation Field	>φ340mm at FFD 600mm (JIS-Z-4606)	>φ340mm at FFD 600mm (JIS-Z-4606)	>φ340mm at FFD 600mm (JIS-Z-4606)	>φ340mm at FFD 600mm (JIS-Z-4606)	>φ340mm at FFD 600mm (JIS-Z-4606)
Penetration power	28mm thick steel (200kV, 5 min. exposure Fuji film # 100, Density 2.0)	32mm thick steel (200kV, 5 min. exposure Fuji film # 100, Density 2.0)	39mm thick steel (250kV, 5 min. exposure Fuji film # 100, Density 2.0)	42mm thick steel (250kV, 5 min. exposure Fuji film # 100, Density 2.0)	50mm thick steel (300kV, 5 min. exposure Fuji film # 100, Density 2.0) 58mm thick steel (300kV, 10min. Exposure) Fuji film # 100, Density 2.0)
Duty cycle	Ratio between energised and rest period 1:1, one energised period is in 6min.	Ratio between energised and rest period 1:1, one energised period is in 6min.	Ratio between energised and rest period 1:1, one energised period is in 6min.	Ratio between energised and rest period 1:1, one energised period is in 6min.	Continously possible to use (until temperature switch activates) Timer setting Max. 9min50sec
Cooling	Forced fan air cooling of X-ray tube anode raditor	Forced fan air cooling of X-ray tube anode raditor	Forced fan air cooling of X-ray tube anode raditor	Forced fan air cooling of X-ray tube anode raditor	Forced fan air cooling of X-ray tube anode raditor
Dimensions and weight	X-ray generator 196×196×480mm 14kg Controller 390×345×197mm 15kg Accessories 10kg	X-ray generator 250×250×530mm 20kg Controller 390×345×197mm 15kg Accessories 10kg	X-ray generator 250×250×530mm 20kg Controller 390×345×197mm 15kg Accessories 11kg	X-ray generator 286×286×558mm 26kg Controller 390×345×197mm 16kg Accessories 11kg	X-ray generator 286×286×595mm 32kg Controller 390×345×197mm 15kg Accessories 11kg

Components

Lightweight & Small Size 	1. X-ray generator1 unit 2. Controller Unit1 unit 3. Accessories (1) Power supply cable 3-cores, 10m long1pc. (2) Low voltage cable 9-cores, 15m long1pc. (3) Ground bar (with 10m-long ground wire)1pc. (4) X-ray warning lamp:24V, with 15m-long cable1pc. (5) Center indicator1pc. (6) X-ray fixed diaphragm1set (7) Spare parts (fuses 10 A×3pcs. 2A×3pcs.1A×3pcs.)1set (8) Accessory bag1pc.	1. X-ray generator1 unit 2. Controller Unit1 unit 3. Accessories (1) Power supply cable 3-cores, 10m long1pc. (2) Low voltage cable 9-cores, 15m long1pc. (3) Ground bar (with 10m-long ground wire)1pc. (4) X-ray warning lamp:24V, with 15m-long cable1pc. (5) Center indicator1pc. (6) X-ray fixed diaphragm1set (7) Spare parts (fuses 15A×3pcs. 2A×3pcs. 1A×3pcs.)1set (8) Accessory bag1pc.	1. X-ray generator1 unit 2. Controller Unit1 unit 3. Accessories (1) Power supply cable 3-cores, 10m long1pc. (2) Low voltage cable 9-cores, 20m long1pc. (3) Ground bar (with 10m-long ground wire)1pc. (4) X-ray warning lamp:24V, with 20m-long cable1pc. (5) Center indicator1pc. (6) X-ray fixed diaphragm1set (7) Spare parts (fuses 15A×3pcs. 2A×3pcs. 1A×3pcs.)1set (8) Accessory bag1pc.	1. X-ray generator1 unit 2. Controller Unit1 unit 3. Accessories (1) Power supply cable 3-cores, 10m long1pc. (2) Low voltage cable 9-cores, 20m long1pc. (3) Ground bar (with 10m-long ground wire)1pc. (4) X-ray warning lamp:24V, with 20m-long cable1pc. (5) Center indicator1pc. (6) X-ray fixed diaphragm1set (7) Spare parts (fuses 15A×3pcs. 2A×3pcs. 1A×3pcs.)1set (8) Accessory bag1pc.
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Referential Exposure Diagram

It's easy to use with full automation.  Saving Energy 	 Measurement Condition on exposure Diagram FilmFuji #100 IntensifyingLeadfoil 0.03mm Film to focus distance600mm Development20°C,5min Film density2.0	 Measurement Condition on exposure Diagram FilmFuji #100 IntensifyingLeadfoil 0.03mm Film to focus distance600mm Development20°C,5min Film density2.0	 Measurement Condition on exposure Diagram FilmFuji #100 IntensifyingLeadfoil 0.03mm Film to focus distance600mm Development20°C,5min Film density2.0	 Measurement Condition on exposure Diagram FilmFuji #100 IntensifyingLeadfoil 0.03mm Film to focus distance600mm Development20°C,5min Film density2.0	 Measurement Condition on exposure Diagram FilmFuji #100 IntensifyingLeadfoil 0.03mm Film to focus distance600mm Development20°C,5min Film density2.0
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