

# Mini-focus X-ray module

#### **XWFR Series**



#### LINEUP

Anode voltage	MAX	60kV	
	MIN	6kV	
Beam current		1mA	
Max Power		60W	
Focal spot size		100µm	
Radiation angle		20°	
Window material		Beryllium	
Operation		Continuous	
Dimension WxDxH (mm)	Controller unit	8.35×12.99×5.51 (212×330×140)	
	X-ray unit	5.12×10.75×6.97 (130×273×177)	
Weight (kg approx)	Controller unit	10	
	X-ray unit	6	
Model		XWFR60-60	

## SPECIFICATIONS

Input voltage Output control	100VAC to 120VAC 50/60Hz single phase 200VAC to 240VAC 50/60Hz single phase (-L(200V)option) Voltage Local : 10-turn potentiometer on front panel Remote : External control voltage 0 to 10Vdc (Input impedance more than 1MΩ) or by external 5kΩ potentiometer	Protections	Over voltage protection Over current protection Protection against output short-circuit and arc discharge Filament protection Blackout protection Over temperature protection
Display	Current Local : 10-turn potentiometer on front panel Remote : External control voltage 0 to 10Vdc (Input impedance more than 1MΩ) or by external 5kΩ potentiometer Output voltage : 3½-digit digital meter Output current : 3½-digit digital meter	Other functions Operating temp. Storage temp. Humidity Accessories	Remote switch ON/OFF Interlock by door switch Output status signal output 0 to +40°C 0 to +50°C 30% to 80%RH (no condensation)
Monitor output	LED display of the status of X-ray ON/OFF, STNDBY, INTERLOCK and AGING Output voltage monitor : 10V/Maximum output voltage (Output impedance 1kΩ) Output current monitor : 10V/Maximum output current (Output impedance 1kΩ)		AC line input cable 2.5m (1) Shielded HV output cable 2.5m (1) Instruction manual (1)

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## **FEATURES**

- Equip X-ray tube of focus dimensions 100µm
- User-friendly operation
- Continuous operation is available.

## **SUMMARY**

XWFR series is the 2-unit type X-ray module with high-stability power supply and Mini-focus X-ray tube. Achieve high-contrast X-ray image by high power X-ray and using Beryllium window. And, achieve clear X-ray image even zooming in, because focal distance is 100um.



### OPTION

-L(200V) 200VAC to 240VAC 50/60Hz single phase input \*When ordering, suffix the above option number to the model number.

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