

Twin BoX

# Mini-Focus X-Ray Module

XWF Series

**Matsusada Precision Inc.**

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1069-01A



## FEATURES

- 50 $\mu$ m X-ray tube type
- Unique control method suppress noise from connection wire
- Stable X-ray generation
- Simple and easy operation with controller unit
- Continuous operation

## SUMMARY

XWF series is a 2-unit type X-ray module of high stability power supply and X-ray tube integrated. Unit generates stable mini-focus X-ray output. High power X-ray output of maximum 50W enables to obtain high contrast image. The best suitable unit for positioning, pattern check and imagining.

Anode voltage	MAX	50kV		80kV		100kV
	MIN	5kV		5kV		5kV
Beam current		0.3mA	1mA	0.3mA	0.625mA	0.3mA
Max Power		15W	50W	24W	50W	30W
Focal spot size		50 $\mu$ m	85 $\mu$ m	50 $\mu$ m	85 $\mu$ m	50 $\mu$ m
Radiation angle		32°	28°	32°	20°	32°
Window material		Be				
Operation		Continuous				
X-ray leakage (at 5cm)		5 $\mu$ Sv/hr				10 $\mu$ Sv/hr
* External control voltage	Anode voltage	50kV/10V		80kV/10V		100kV/10V
	Beam current	0.3mA/10V	1mA/10V	0.3mA/10V	0.625mA/10V	0.3mA/10V
Dimension (mm)	controller unit	125W x 250D x 90H				
	X-ray generator	255W x 115D x 175H		355W x 206D x 336H		
Weight (Approx.)	controller unit	3kg				
	X-ray generator	8kg		25kg		
Model		XWF15-50	XWF50-50	XWF24-80	XWF50-80	XWF30-100

\* External 5k $\Omega$  potentiometer is usable

## SPECIFICATIONS

Input voltage AC115V 50/60Hz

## OPTIONS

-L(200V) Input voltage AC200V

-L(230V) Input voltage AC230V

5m Connection cable model : CN-XMF(5m)