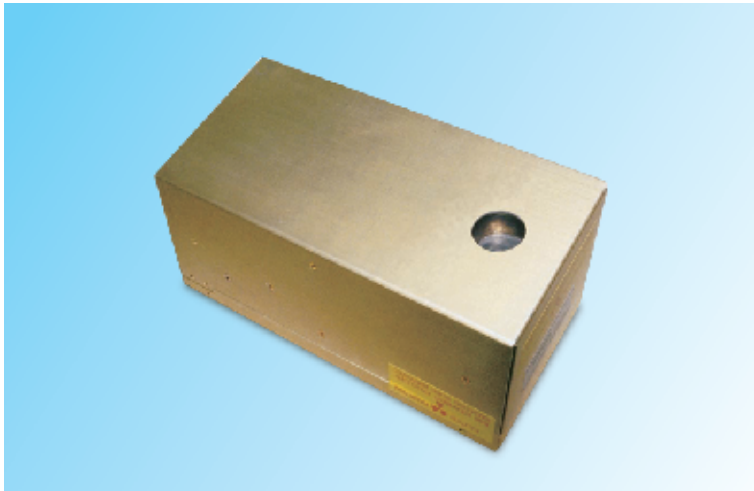


X-Ray Module

X Series

1071-02A



FEATURES

- X-ray tube, HV power supply and filament supply are in one unit
- Anode voltage/current control by external control voltage
- Anode voltage monitor and current monitor
- Low X-ray leakage. Less than 5 μ Sv/hr (at 5cm)

SUMMARY

X series is a compact X-ray module with X-ray tube, high voltage supply and filament supply all in one unit. Compact design and no need of cabling of high voltage cable and connector contribute to easy and flexible designing of system.

Anode voltage	10kV to 40kV					10kV to 60kV				
Focal spot size	0.05mm	0.1mm	0.2mm	0.5mm	1mm	0.05mm	0.1mm	0.2mm	0.5mm	1mm
Beam current	30 μ A to 150 μ A					33 μ A to 166 μ A				
Max power	6W					10W				
Window	Glass									
Radiation angle	28°					20°				
Operation	Continuous									
Model	X6-40-01	X6-40-02	X6-40-03	X6-40-04	X6-40-05	X10-60-01	X10-60-02	X10-60-03	X10-60-04	X10-60-05

SPECIFICATIONS

Input	24Vdc/1.2A max
X-ray leakage	Less than 5 μ Sv/hr (at 5cm)
Functions	X-ray remote ON/OFF voltage monitor : 10V / rated max voltage current monitor : 10V / rated max current Interlock X-ray output status Reference voltage
Protection	Protection against overvoltage, overcurrent, short circuit and arc.
Temperature operating	0°C to +40°C
Temperature storage	30% to 90% (non-condensing)
Control voltage	Anode voltage : Rated max voltage / 10Vin Anode current : Rated max current / 10Vin (or by external 5k Ω potentiometer)

OPTION

-L40 Radiation angle 40° (only for X6-40-04, X6-40-05, X10-60-04, X10-60-05 with Be window)

★ When ordering, please suffix L mark (option mark) to the model number (e.g.) X6-40-04-L40

DIMENSIONS mm (inch)

