

PROTO

X-RAY DIFFRACTIONS SYSTEMS & SERVICES

XRT 16



Compact X-ray Tube for Diverse Portable Applications

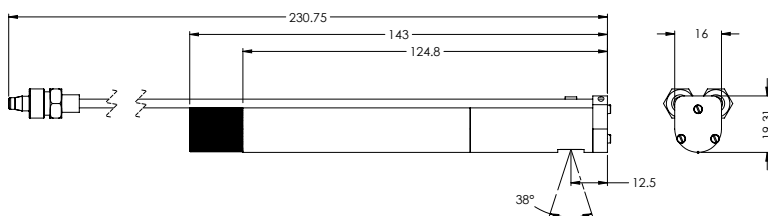
The XRT 16 is a compact yet powerful x-ray tube ideal for systems with limited space.

Designed with high-quality ceramic and metal materials, the XRT 16 boasts incredible stability and a long operational life. Because it is made in house by Proto, the XRT 16 can be customized with a wide range of anodes to suit your experimental needs. With 20 kV and up to 80 Watts of power (40 Watts for the compact tube), the XRT 16 x-ray tube is a great choice for x-ray applications such as diffraction.

The XRT 16 is available in two lengths: standard and compact. Take advantage of the compact x-ray tube for applications with even tighter space requirements.

SPECIFICATIONS	
X-ray Tube Construction	Ceramic / metal body
Power Rating	Standard: 80 W max Compact: 40 W max
Power	Standard: Maximum kV: 20 Maximum mA: 4 Compact: Maximum kV: 20 Maximum mA: 2
Polarity	Negative (grounded anode)
Duty Cycle	Continuous
Cooling	Water, 1.0 L/min
Water Hose Connectors	Quick disconnect
Water Hose Length	0.5 m or as per customer request
Maximum Operating Temperature	60°C
High Voltage Cable Length	8 m
X-ray Exit Window	Beryllium, 0.125 mm thick
Overall X-ray Tube Dimensions	Standard: 16 mm diameter, 125 mm length Compact: 16 mm diameter, 92 mm length
Available Anodes	Ti, V, Cr, Mn, Fe, Co, Cu, Mo, W

STANDARD



COMPACT

