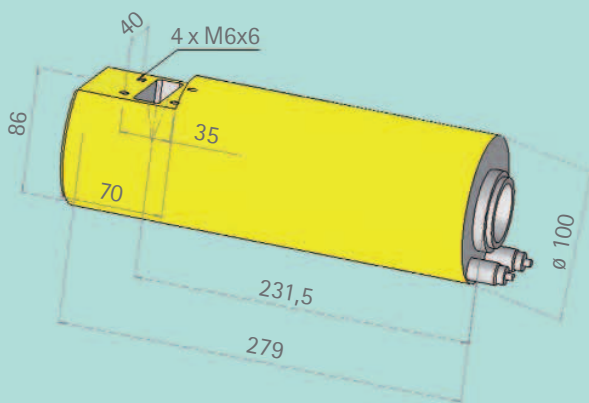


Y.TU 160-F01

End grounded metal-ceramic X-ray tube



Dimensions in mm

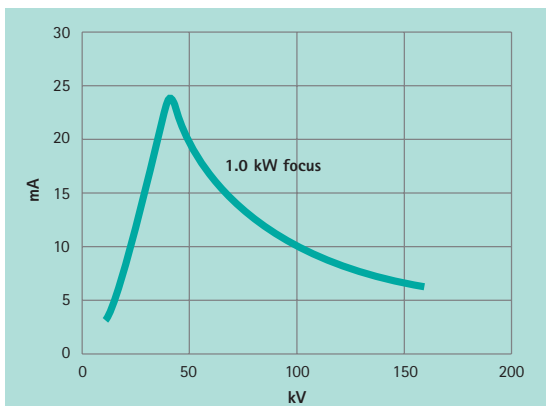
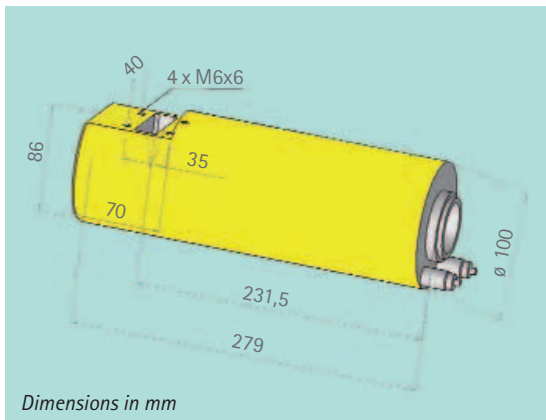
YXLON end grounded metal-ceramic X-ray tube with a 60° fan beam is especially suited for inspection tasks, which need a wide X-ray beam. In combination with YXLON's Y.LineScan detector arrays the Y.TU 160-F01 is an ideal X-ray tube for conveyor belt applications.

The beam window of the Y.TU 160-F01 consists of Beryllium, a material with a very low X-ray absorption. Therefore the X-ray output of the Y.TU 160-F01 is optimal for the full high voltage range.

Providing a high level of mechanical and electrical strength YXLON X-ray tubes are both compact and lightweight. Together with YXLON generators, power supplies and control units the X-ray tubes form powerful systems setting the standards in efficiency, reliability and lifecycle.

YXLON. The reason why.

- 60° fan beam
- long lifecycle
- high reliability
- extensive service



Loading data: Shown are the max. permissible anode currents. Within the X-ray system these anode currents may be limited by power suppliers or generators.

Max. tube voltage	160 kV
Focal spot size (acc. EN12543)	1.0 mm
Max. power	1,000 W
Max. tube current at 160 kV	6.25 mA
Emergent beam angle	60° x 25°
Inherent filtration	0.8 mm Be
Leakage radiation¹	< 2.5 mSv/h
Coolant	Water
Max. inlet temperature	45 °C
Min. flow rate	4 l/min
Environmental conditions	
Operation temperature	-10 °C...+40 °C
Storage temperature	-25 °C...+70 °C
Relative humidity	
- Operation	90%
- Storage	95%
Weight	8 kg
H.V. connection	R12
Order no.	9421 172 30603

¹ Measured at 1.0 m distance from the focal spot with X-ray port closed and X-ray tube operating at full load.