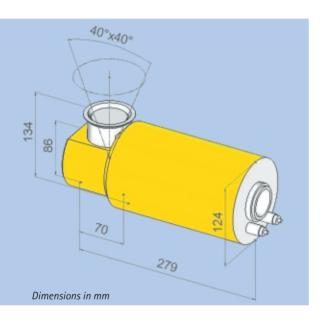
Technical Data

Y.TU 225-D02



YXLON.TU 225-D02 End Grounded Metal-Ceramic X-Ray Tube



From plastics to light alloys and up to steel, end grounded metal-ceramic X-ray tubes from YXLON International cover a wide inspection range.

TU 225-D02 features high penetration power and is suited for a wide variety of standard applications in radiography and radioscopy.

Providing a high level of mechanical and electrical strength YXLON X-ray tubes are both compact and lightweight.

Together with the YXLON generators, power supplies and control units the X-ray tubes form powerful systems, setting the standards in reliability, lifecycle and service.

YXLON. The reason why.

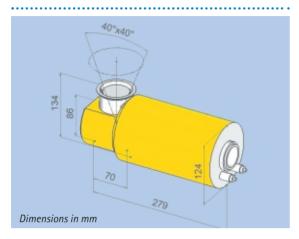
- High Penetration Power
- Long Lifecycle
- High Reliability
- Extensive Service

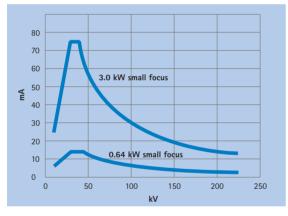
Y.TU 225-D02

Technical Data

Y.TU 225-D02







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	225 kV
Focal spot size	
(acc. EN12543)	1.0 mm / 5.5 mm
(acc. IEC336)	0.4 / 3.0
Max. power	
(small / large focus)	0.64 kW / 3.0 kW
Max. tube current at 225 kV	2.8 mA / 13.0 mA
Emergent beam angle	40 °
Inherent filtration ¹	0.8 mm Be + 4 mm Al
Leakage radiation ²	< 5.0 mSv/h
Coolant	Water
Max. inlet temperature	45 °C
Min. flow rate	4 I/min
Environmental Conditions	
Operation temperature	-10 °C+40°C
Storage temperature	-25 °C+70°C
Relative humidity	
 Operation 	90 %
- Storage	95 %
Weight	11 kg
H.V. connection	Flange R12
Approval	PTB
Order No.	9421 172 31203

- ¹ Al-filter removable by using tools; Al-filter acc. DIN 54113 and SSI FS1989:2
- ² Measured at 1.0 m distance from the focal spot with X-ray port closed and X-ray tube operating at full load.