

Y.XMB 160

Mobile X-Ray System

- High quality system
- Extremely high X-ray power
- Access to confined spaces
- Safe operation
- Easy to handle



For more than 50 years YXLON Copenhagen have manufactured high quality X-ray systems. Our systems have always been designed to be reliable and efficient in all conditions. In order to stay in this position, as a market leader, we draw on both our knowledge and experience.

Mobile constant potential X-ray generators from YXLON Copenhagen are perfectly designed to supply very high power in areas with limited space or access, e.g. for operations at nuclear power plants or the petrochemical industry.

All components are carried on a trolley equipped with positions for tilting and a hook for lifting via crane. The mobile systems high voltage cable is additional shielded in order to secure safe operation and a long product lifetime.

Safety is paramount to us, that's why our products are safe to use. The Y.XMB product range is produced in accordance with the most strict radiation safety standards.

The combined features of the Y.XMB product range will give you a competitive advantage by reducing exposure time and by optimizing your workflow.

Y.XMB 160 X-Ray System

Weight	approx. 184 kg
Height x depth	1630 mm x 980 mm
Width of axis	600 mm
High voltage adjustment	7.5 – 160 kV
mA adjustment	0 – 20 mA
Max X-ray power	2250 W
Cable length	10, 15 or 20 m



Optional accessories:
 1 Tripod tube stand
 2 Combined laser pointer and collimator



Available X-ray tubes

Name	Focal spot EN12543	X-ray power	Weight	Beam	Leakage radiation. max kV - max mA
Y.TU 160-D02	1.0 mm / 5.5 mm	640 W / 3000 W*	8 kg	40 x 40°	2.5 mSv/h
Y.TU 160-D03	1.0 mm / 3.0 mm	640 W / 1600 W	8 kg	40 x 40°	2.5 mSv/h
Y.TU 160-D04	1.0 mm / 1.0 mm	640 W / 640 W	8 kg	40 x 40°	2.5 mSv/h
Y.TU 160-D05	1.0 mm / 1.0 mm	1000 W / 1000 W	8 kg	40 x 40°	2.5 mSv/h
Y.TU 160-D06	0.4 mm / 1.0 mm	800 W / 1800 W	8 kg	40 x 30°	2.5 mSv/h
Y.TU 160-F01	1.0 mm	1000 W	8 kg	60 x 25°	2.5 mSv/h
Y.TU 160-P01	0.4 mm x 4.0 mm	1000 W	8 kg	40 x 360°	2.5 mSv/h

* Limited to the Y.XMB specifications

- Options:**
- A range of accessories are available for the Y.XMB mobile X-ray system.
 - PC interface for RS232 remote operation.
- Power supply:**
- 230 V + 10 % - 15 %, 50/60 Hz, Protection 20 A at 2250 W (Single phase).
- Exposure timer:**
- 1 second steps up to 10 minutes, 10 second steps up to 99 minutes or infinity.
- Environment:**
- IP54, 0° C to + 40° C, relative humidity 90 %.
- Certificates:**
- CE: DIN 54113, Roentgenverordnung, EN 60204-1, EN 50178, EN 55011 and EN 61000-6-2.
 - NF C 74-100

YXLON

Technology with Passion

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