

comet

x-ray

Y.XMB

ACCESSORIES



- EXTREMELY HIGH X-RAY POWER
- ACCESS TO CONFINED SPACES
- SAFE OPERATION
- HIGH QUALITY SYSTEM
- EASY TO HANDLE

comet Y.XMB ACCESSORIES

PIPELINE CRAWLERS • BETATRON PORTABLE X-RAY • DIGITAL RADIOGRAPHY

A broad range of accessories is available for the Y.XMB series. These various accessories enable smooth workflow and support multiple applications in all environments.

For more than 60 years COMET 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 COMET, with extremely high X-ray power of up to 2.25 kW, combined with a compact X-ray tube mounted on a flexible X-ray cable, are perfectly designed to access even the most challenging inspection tasks in narrow and hard to reach spaces, for example for operations at nuclear power plants or in the petrochemical industry.

The mobile Y.XMB X-ray system with 100, 160 or 225 kV, supports a wide range of different high quality X-ray tubes, from directional to panoramic, with different beam shapes and different size focal spots. The Y.XMB system feature a broad mA range from 0-20 mA depending on the chosen system and X-ray tube, and it supports high voltage cables with lengths up to 20 meters.

Our experience has taught us that the application possibilities of COMET mobile products are numerous, and they all pose different challenges to both equipment and operator. In order to meet these challenges a range of accessories has been designed. The accessory selection, will help to make your workflow safe and more efficient.

Y.XMB MOBILE X-RAY SYSTEM DATASHEET AVAILABLE FROM www.jme.co.uk

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Y.XMB ACCESSORY RANGE



LASER POINTER AND COLLIMATOR



MOBILE TRIPOD TUBE STAND



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	FOCAL SPOT SIZE EN 12543	MAX X-RAY POWER	WEIGHT	BEAM ANGLE	LEAKAGE RADIATION MAX kV - MAX mA
Y.TU 100-D02	1.0 mm / 3.0 mm	640 W / 1500 W	6 kg	40° x 40°	1.0 mSv/h
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
Y.TU 225-D02	1.0 mm / 5.5 mm	640 W / 3000 W*	11 kg	40° x 40°	5.0 mSv/h
Y.TU 225-D03	1.0 mm / 3.0 mm	640 W / 1600 W	11 kg	40° x 40°	5.0 mSv/h
Y.TU 225-D04	0.4 mm / 1.0 mm	800 W / 1800 W	11 kg	40° x 30°	5.0 mSv/h
Y.TU 225-F02	5.5 mm	3000 W*	11 kg	90° x 30°	10.0 mSv/h

* Limited to the Y.XMB specifications

Y.TU 100-D02

Ultra-compact X-ray tube for thin and low density materials.

Y.TU 160-D02

Dual focal spot X-ray tube ensuring both high resolution and high power requirements.

Y.TU 160-D03

Dual focal spot X-ray tube ensuring both high resolution and medium power requirements.

Y.TU 160-D04

Dual 1.0 mm focal spot X-ray tube for high resolution and optimum tube life.

Y.TU 160-D05

Dual 1.0 mm focal spot X-ray tube for high resolution and optimum tube life, combined with high power.

Y.TU 160-D06

Dual 0.4 / 1.0 mm focal spot X-ray tube for optimized high resolution combined with high power.

Y.TU 160-P01

Compact X-ray tube with 360° panoramic beam and 0.4 x 4.0 mm focal spot.

Y.TU 225-D02

Dual focal spot X-ray tube ensuring both high resolution and high power requirements.

Y.TU 225-D03

Dual focal spot X-ray tube ensuring both high resolution and medium power requirements.

Y.TU 225-D04

Dual 0.4 / 1.0 mm focal spot X-ray tube for optimized high resolution, combined with high power.

LASER POINTER AND COLLIMATOR

A laser pointer is a practical tool for precise alignment of the X-ray tube head.

The system consist of two different collimators and a frame carrying a laser pointer for alignment.

MOBILE TRIPOD TUBE STAND

A light-weight solution consisting of a tripod combined with a dolly for extended mobility.

Mobility combined with agile positioning of 100 and 160 kV X-ray tubes for the Y.XMB system saves both repositioning time and manpower.

TUBE HEAD NOTE: listed are the maximum permissible anode currents. Within the X-ray system these anode currents may be limited by power suppliers or generators.

SALES AND MANUFACTURING

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