

# PXS EVO

2 2 5 D / 1 2 0 0



**COMET**  
Technology with Passion

## BUILT TO LAST

IT'S ROBUST AND RELIABLE

Designed and built in Denmark; the EVO systems are comprised of the best components and assembled with the utmost care - making them reliable, long lasting and a sound investment. They are fitted with a high quality metal ceramic X-ray tube and the robust composite casing now protects all vital parts even better. The systems meet the IP65 standard, making them fully operational in dusty and wet conditions.

## SMARTER WORKFLOW

IT'S LIGHT-WEIGHT AND EASY TO HANDLE

The ergonomic design and the low weight of 28 kg make the PXS EVO 225D/1200 easy to handle and re-position. A broad temperature range from -20°C to +50°C makes the EVO systems reliable and ensures smooth operation even in extreme environments. The intuitive interface allows for a smarter workflow.

## HIGH PERFORMANCE

DUE TO ITS TECHNICAL CAPABILITIES

Built to meet the highest international safety standards, each unit is individually tested and measured for safety and accuracy. PXS EVO 225D/1200 features a combination of 225 kV and 1200 W constant potential X-ray power for high penetration - making it well suited for all medium duty field inspection jobs.

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## EXPOSURE CALCULATOR

The advanced built-in exposure calculator in the CONTROL EVO ensures fast exposure calculations, as well as uniform results and optimised exposure times. It accommodates the use of a wide range of films, materials and settings.

## POWER SUPPLY

The AC-mains voltage range spans from 85 to 264 VAC and from 45 to 65 Hz, supporting global operation. The improved power factor correction module ensures stable operation, where AC-mains are unstable.

## OPTIONS

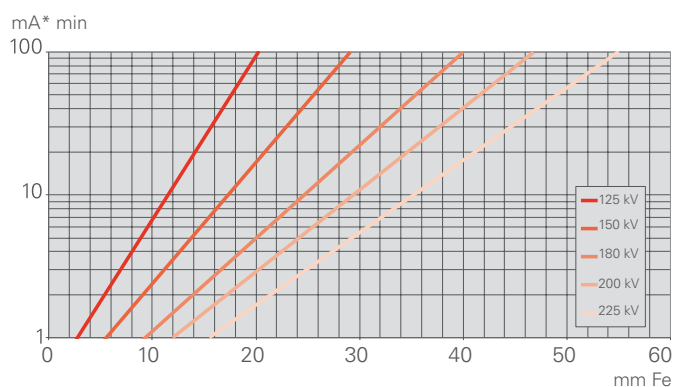
The right set of accessories is important to make your workflow even smarter. Tube stands and other accessories are available, making the X-ray systems versatile, flexible and suited for most applications.

## CERTIFICATES

CE (Low voltage EN 61010-1, EMC 2004/108/EC, Machinery EN 60204-1). DIN 54113 and Röntgenverordnung (RöV).

## Fe EXPOSURE DIAGRAM

700 mm FFD / D7-type + Pb / D = 2,0



## SPECIFICATIONS

WEIGHT	28 kg
HEIGHT	808 mm
FOCAL SPOT SIZE EN 12543	3.0 mm
HIGH VOLTAGE ADJUSTMENT	25 – 225 kV
mA ADJUSTMENT	0.5 – 10 mA
MAX X-RAY POWER *	1200 W
BEAM ANGLE	40° x 60°
LEAKAGE RADIATION	Max. 5.0 mSv/h
ENVIRONMENT	IP65
TEMPERATURE RANGE	-20°C to +50°C
CONT. EXPOSURE 30°C, 225 kV / 4.4 mA	1 hour

\*1000 W above 110 VAC / 1200 W above 155 VAC