

comet

x-ray

SMART EVO DIRECTIONAL



comet SMART EVO DIRECTIONAL

PIPELINE CRAWLERS • BETATRON PORTABLE X-RAY • DIGITAL RADIOGRAPHY

The combination of our new SMART EVO tube heads and CONTROL EVO is the key to a significantly improved workflow. Because the units are lighter, they are faster to handle and reposition.

BUILT TO LAST

IT'S ROBUST AND RELIABLE

The SMART 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 make the SMART EVO range 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. The SMART EVO range features between 750W and 900W (dependent upon tube model) constant potential X-ray power ensuring high performance, shorter exposure times and high resolution results.

The SMART EVO DIRECTIONAL Range is available in the following models:

160D 200D 225D 225DS 300D 300DS

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PRODUCT RANGE



SMART EVO 200P / 300P



SMART EVO DIRECTIONAL



XPO EVO DIRECTIONAL



SMART EVO WATER-COOLED



Y.XMB



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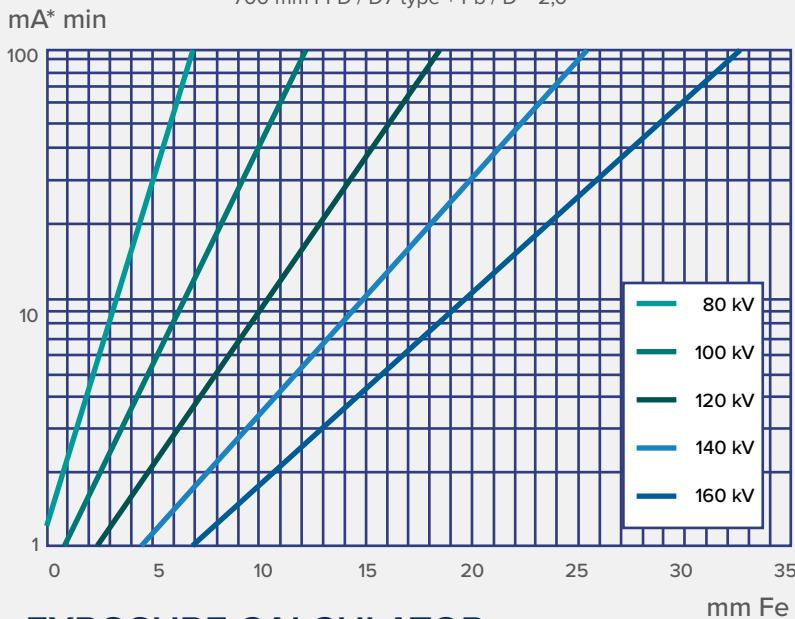
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Fe EXPOSURE DIAGRAM
700 mm FFD / D7-type + Pb / D = 2,0



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. A tube stand 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.

EXCLUSIVE UNITED KINGDOM DISTRIBUTOR

From the early days of Andrex and SMART systems, Comet's product range has been built on an excellent reputation for innovation, reliability and performance. Power options range from 160 to 300kV; this combined with light weight construction and an intuitive user interface means there is an Comet X-ray generator to suit every application.

JME have been manufacturing high quality NDT products since 1986 and are proud to be the UK exclusive distributor for Comet products. JME have Comet trained technical staff on hand to ensure support is always available. JME offers the complete Comet range of X-ray products and our knowledgeable sales team will handle all of your enquiries efficiently.

TECHNICAL SPECIFICATIONS

Specifications dependent upon model - view specifications at www.jme.co.uk

	EVO 160D	EVO 300DS
Weight	22 kg	- 29kg
Height	611 mm	- 774 mm
Focal Spot Size EN 12543	1.0 mm	- 3.0/1.0 mm
High Voltage Adjustment	20-160 kV	- 50-300 kV
mA Adjustment	0.5 - 7.0 mA	- 0.5 - 4.5 mA
Max X-Ray Power	750 W	- 900 W
Beam Angle	40°x60°	- 40°x60°/40°x60°
Leakage Radiation	Max. 2.0 mSv/h	- Max. 5.0 mSv/h
Environment	IP65	
Temperature Range	-20°C to +50°C	
Cont. Exposure 35°C, 300kV/ 2.5mA	Min. 1 hour	

SALES AND MANUFACTURING

+44 (0)1502 500969 - sales@jme.co.uk



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