

comet

x-ray

ECO 160DS



comet ECO 160DS

PIPELINE CRAWLERS • BETATRON PORTABLE X-RAY • DIGITAL RADIOGRAPHY

Say hello to the ECO 160DS and ECO 200DS, the first members of the ECO family! Embodying innovation, the latest ECO models are not just lighter but notably more manageable, designed with even a single person's use in mind.

BUILT TO LAST IT'S RUGGED AND RELIABLE

The ECO is designed and built in Denmark using refined EVO technology. With the best components, including new low weight composite materials, the units are assembled with the utmost care - making them reliable, long-lasting, and a sound economical investment. Protected by a sturdy, robust casing is a high-quality metal ceramic X-ray insert. The systems meet IP65 standards and are fully operational in dusty and wet conditions.

SMARTER WORKFLOW MAKES WORK FLOW

Creating a smarter workflow for portable X-ray has been our driving force behind the development of the ECO. With its unique length-to-width ratio, ergonomic design, and well distributed 13 kg, the unit requires less effort to handle and re-position - even for just one person. A broad operating temperature range from -20°C to +50°C makes the ECO reliable even in extreme environments, while its intuitive interface allows for an even smarter workflow.

HIGH PERFORMANCE A SOLID INVESTMENT

The ECO makes good economic sense too: As a one-man tool, you reduce labor costs, you get a faster and smarter workflow as it's easier to handle and carry - while the small focal spot gives the possibility of shorter exposure times and increased image quality. That's what we call economical.

comet PRODUCT RANGE



SMART EVO 200P / 300P



SMART EVO DIRECTIONAL



XPO EVO DIRECTIONAL



SMART EVO WATER-COOLED



Y.XMB



PROUDLY SUPPLYING THE NDT INDUSTRY FOR OVER 35 YEARS

JME

ADVANCED INSPECTION SYSTEMS

CALL OUR SALES TEAM FOR MORE INFORMATION
+44 (0)1502 500969

JME LTD. ELECTRON HOUSE, OLD NELSON STREET
LOWESTOFT, SUFFOLK NR32 1EQ UNITED KINGDOM

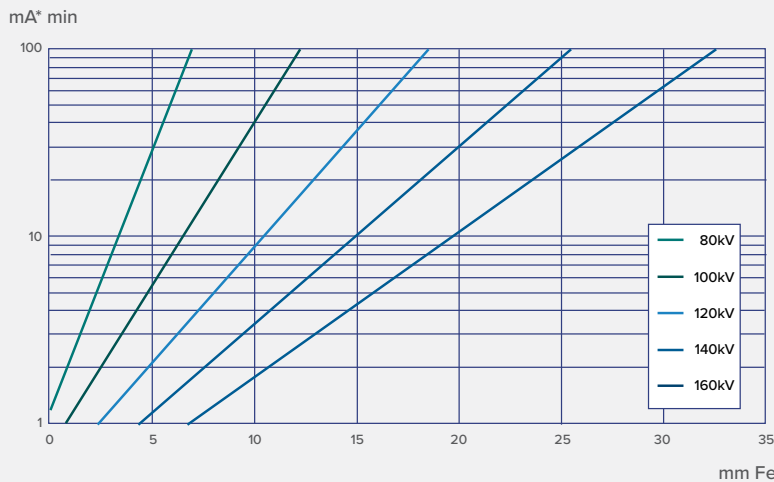
FIND JME ONLINE...

www.jme.co.uk

f /JMElimited | @JME_NDT | in jme-advanced-inspection-systems



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



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.

EXPOSURE CALCULATOR

The advanced built-in exposure calculator in the CONTROL EVO ensures fast exposures 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).

TECHNICAL SPECIFICATIONS

Weight	13 kg
Height	610 mm
Focal Spot Size EN 12543	1.0 mm
High Voltage Adjustment	20 - 160 kV
mA Adjustment	0.5 - 7.0 mA
Max X-Ray Power	750 W
Beam Angle	40° x 60°
Leakage Radiation	Max. 2.0 mSv/h
Environment	IP65
Temperature Range	-20°C to +50°C

SALES AND MANUFACTURING

+44 (0)1502 500969 • sales@jme.co.uk



ALL GOODS AND SERVICES ARE SOLD SUBJECT TO THE TERMS AND CONDITIONS OF JME. A COPY OF THESE TERMS AND CONDITIONS IS AVAILABLE UPON REQUEST.

ALL BRAND NAMES AND PRODUCT NAMES WHERE USED ARE ACKNOWLEDGED TO BE TRADEMARKS OF THEIR RESPECTIVE HOLDERS.