

comet

x-ray

CONTROL EVO



comet CONTROL EVO

PIPELINE CRAWLERS • BETATRON PORTABLE X-RAY • DIGITAL RADIOGRAPHY

Designed and built in Denmark, the CONTROL EVO is based on state of the art technology. The unit features an exposure calculator and has an intuitive interface with a wide range of advanced functionalities – equaling a smarter workflow.

BUILT TO LAST

IT'S ROBUST AND RELIABLE

Designed and built in Denmark, the CONTROL EVO is based on state of the art technology. The unit is fitted with a high quality die-casted aluminum chassis protecting all vital parts. It meets the IP66 standard, making the CONTROL EVO fully operational in dusty and wet conditions. It is reliable, long lasting and a sound investment.

SMARTER WORKFLOW

IT'S LIGHT-WEIGHT AND EASY TO HANDLE

The ergonomic design and shoulder strap makes the CONTROL EVO easy to handle and re-position. All information is clearly displayed on the 6.5 inches high contrast color screen. The unit features an exposure calculator and has an intuitive interface with a wide range of advanced functionalities – equaling a smarter workflow.

HIGH PERFORMANCE

DUE TO ITS TECHNICAL CAPABILITIES

The CONTROL EVO is backwards compatible with the Y.SMART and Y.XPO portable X-ray systems. It has an Ethernet interface allowing for remote diagnostics and software updates. The USB interface facilitates, control of the system via a USB-to-Serial converter, saving diagnostics reports and can also be used for software updates in the field. It even has Bluetooth™ for future applications. All of these make the EVO system smart and future-proof.

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PRODUCT RANGE



SMART EVO 300D / 1200



SMART EVO 200P / 300P



SMART EVO DIRECTIONAL



XPO EVO DIRECTIONAL



SMART EVO WATER-COOLED



PROUDLY SUPPLYING THE NDT INDUSTRY FOR OVER 35 YEARS

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EXPOSURE CALCULATOR

The advanced built-in exposure calculator ensures fast exposure calculations and uniform results. It can calculate the minimum required film focus distance optimising the exposure time. 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 power factor correction module ensures stable operation, where AC-mains are unstable.

OPTIONS

Additional warning lamps, either multi color or traditional, can be connected and configured. Signals for additional siren, flow switch and other devices are also supported. A double door interlock system can be interfaced.

CERTIFICATES

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



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

Weight	13 kg
Display	6.5" LCD Color
Max X-Ray Power	1200 W*
High Voltage Adjustment / 1 kV RES.mA Adjustment	10 – 300 kV*
mA Adjustment/ 0.1 mA Res.	0.5 – 10 mA*
Exposure Time	1 sec. - 60 min. or ∞*
Interfaces	Ethernet, Bluetooth and USB
Number of Exposure Profiles	100
Exposure History	Last 100 Exposures
Environment	IP66
Temperature Range	-20°C to +50°C

* DEPENDS ON TUBE HEAD TYPE

SALES AND MANUFACTURING

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Calculate exposure values

Tube	<input type="text" value="EVO 225D"/>	<input checked="" type="checkbox"/> Auto-calculate
Material	<input type="text" value="Iron (Fe)"/>	
Film manufacturer	<input type="text"/>	
Film type	<input type="text" value="D7 (C5)"/>	
FFD	<input type="text" value="70"/> cm	[30 - 200]
Density	<input type="text" value="2.0"/>	[1.0 - 3.5]
Thickness	<input type="text" value="50"/> mm	
Voltage	<input type="text" value="225"/> kV	[40 - 225]
Current	<input type="text" value="4.0"/> mA	Factor <input type="text" value="1.00"/>
Time	<input type="text" value="14:02"/> min.	Save as profile

Save as profile Close