

# EVO 200P



**YXLON**  
Technology with Passion



reddot award 2015  
best of the best

## BUILT TO LAST

### IT'S ROBUST AND RELIABLE

Designed and built in Denmark; 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 compact size make the SMART EVO 200P 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. The re-engineered three-part lead belt is easy to mount and has as standard a 38° x 60° slit option allowing for directional use if required.

## 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 panoramic 38° x 360° X-ray beam makes the SMART EVO a perfect choice for weld seam inspection of cylindrical vessels and pipes. The SMART EVO 200P features a combination of 30 - 200 kV and 750 W constant potential X-ray power for high penetration - making it well suited for a broad range of inspection jobs where reliability and performance is required.

# EVO 200P



## 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 and Röntgenverordnung (RöV).

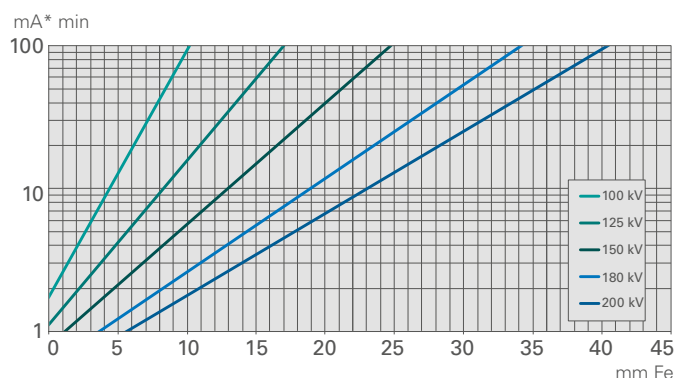
# YXLON

Technology with Passion

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## Fe EXPOSURE DIAGRAM

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



## SPECIFICATIONS

WEIGHT	28 kg
HEIGHT	665 mm
FOCAL SPOT SIZE EN 12543	0.4 x 4.0 mm
HIGH VOLTAGE ADJUSTMENT	30 – 200 kV
mA ADJUSTMENT	0.5 – 6.0 mA
MAX X-RAY POWER	750 W
BEAM ANGLE	38° x 360°
LEAKAGE RADIATION	Max. 2.0 mSv/h
ENVIRONMENT	IP65
TEMPERATURE RANGE	-20°C to +50°C
CONT. EXPOSURE 35°C, 200 kV / 3.7 mA	Min. 1 hour



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