



# **BUILTTO LAST**

IT'S ROBUST AND RELIABLE

Designed and built in Denmark; the PXS 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 EASYTO HANDLE

The ergonomic design and the low weight of 29 kg make the PXS EVO 300DS 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

DUETO ITSTECHNICAL CAPABILITIES

Built to meet the highest international safety standards, each unit is individually tested and measured for safety and accuracy. The PXS EVO 300DS features a combination of 300 kV, a 1.0 mm focal spot and 900 W constant potential X-ray power for high penetration, shorter exposure times and high resolution results - making it well suited for all heavy duty field inspection jobs.



### **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**

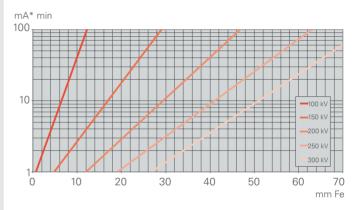
The right set of accessories is important to make your workflow even smarter. Tube stands and other accessories are available, making the X-ray systems versatile, flexible and suited for most applications.

### **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	29 kg
HEIGHT	774 mm
FOCAL SPOT SIZE EN 12543	1.0 mm
HIGH VOLTAGE ADJUSTMENT	50 – 300 kV
mA ADJUSTMENT	0.5 – 4.5 mA
MAX X-RAY POWER	900 W
BEAM ANGLE	30° x 60°
LEAKAGE RADIATION	Max. 5.0 mSv/h
ENVIRONMENT	IP65
TEMPERATURE RANGE	-20°C to +50°C
CONT. EXPOSURE 35°C, 300 kV / 3.0 mA	Min. 1 hour

