

X-ray systems

EVO 300D/1200



Built to last
It's robust and reliable

Designed and built in Denmark; the 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 protects all vital parts. The systems meet the IP65 standard, making them fully operational in dusty and wet conditions.

Smarter workflow
It's intuitive and easy to handle

The ergonomic design makes the EVO 300D/1200 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 unique performance power minimizes the duration of each exposure, optimizing the efficiency of the work rate.

High performance
Due to its technical capabilities

EVO 300D/1200 features a superior combination of 300 kV and 1200 W constant potential X-ray power for extreme performance - making it perfectly suited for all high performance field inspection jobs. The unique cooling allows long term exposures even in extreme ambient conditions. Built to meet the highest international safety standards, each unit is individually tested and measured for safety and accuracy.

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x-ray

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.

Full power range

The EVO 300D/1200 can deliver 1200 W X-ray output down to 110 VAC, ensuring optimum performance in a global environment.

Options

Rugged flight case solutions are available for the EVO 300D/1200 tube head and the CONTROL EVO. The flight cases ensures safe storage and transportation.

Certificates

CE (Low voltage 2014/35/EU, EMC 2014/30/EU and RoHS 2011/65/EU).

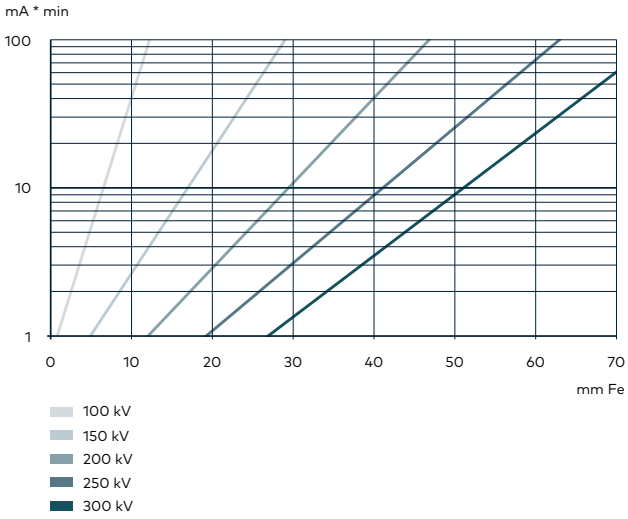
Specifications

Weight	36 kg
Height	910 mm
Focal spot size EN 12543	3.0 mm
High voltage adjustment	60 - 300 kV
mA adjustment	0.5 - 6.5 mA
Max. X-ray power *	1200 W
Beam angle	40° x 60°
Leakage radiation	Max. 5.0 mSv/h
Environment	IP65
Temperature range	-20°C to +50°C
Cont. exposure 35°C, 300 kV / 4.0 mA	1 hour

* 1200 W above 110 VAC

Fe exposure diagram

700 mm FFD / D7-type + Pb / D = 2.0



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