



Low weight portable X-ray systems

ECO 160DS



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.

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.

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
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.

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).

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

Fe exposure diagram

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

