

METRIX NDT- A NEW
FORCE IN X-RAY SYSTEMS

SAXG 1712A SERIES

X-RAY GENERATOR

SAXG 1712A SERIES MONOBLOC X-RAY GENERATOR

General Specification



Tube Potential:	80kV - 170kV
Tube Current:	0.6mA -1.2mA @170kV, 204W maximum
Focal Spot (IEC 60336):	0.8mm × 0.8mm
Filtration:	1.6mm Glass + 12mm Oil (equivalent) + 3mm PEEK
X-Ray Beam Geometry:	Fan beam: 80° ± 2° (40°+ 40°) × 10° ± 2° (5°+ 5°)
Interface:	Analogue and Digital (RS232)
Input power:	90- 264 VAC, 4.5 AMP RMS Max, 60Hz,
Generator:	606mm x 240mm x 230mm, 55kg
Controller:	320mm x 250mm x 100mm, 5 kg
Temperature Range:	0° - 40° (operating)
Monoblock design:	Compact design that integrates x-ray tube, HV electronics & filament supply in single radiologically shielded tank for ease of use and safety.
X-ray Shielding	X-ray leakage is less than 0.5 mR/hr measured at 5cm from the external surface at 1.2mA and 170kV with output window blocked

Please note: Product specifications may be subject to change without notice.

UNDERSTANDING YOUR NEEDS

With over 20 years experience in the x-ray and industrial inspection sectors, the team at Metrix NDT works with customers to find the right solution to meet their specific needs.

Call us today: +44 (0) 1509 266 701