

METRIX NDT- A NEW  
FORCE IN X-RAY SYSTEMS

# SAXG 1701 SERIES

## X-RAY GENERATOR

### SAXG 1701 SERIES MONOBLOC X-RAY GENERATOR

#### General Specification



Tube Potential:	80kV - 170kV
Tube Current:	0.6mA – 1.2mA @170kV, 200W maximum
Focal Spot (IEC 60336):	1.2mm × 1.2mm
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 Standard, or Optional RS485)
Input power:	110 VAC ± 10% (6 Amp RMS max), 50/60Hz
or	220 VAC ± 10% (3 Amp RMS max), 50/60Hz
Generator:	600mm x 240mm x 230mm, 50kg
Controller:	440mm x 400mm x 110mm, 5kg
Temperature Range:	0° - 40° C
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 understand their particular requirements.

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