

METRIX NDT- A NEW  
FORCE IN X-RAY SYSTEMS

# SAXG 1603 SERIES

## X-RAY GENERATOR

### SAXG 1603 SERIES MONOBLOC X-RAY GENERATOR

#### General Specification



Tube Potential:	40kV - 160kV
Tube Current:	1.0mA - 3.0mA, @ 160kV, 500W maximum
Focal Spot (IEC 60336):	1.2mm × 0.8mm
Filtration:	2.0mm Glass + 12mm Oil (equivalent) + 3mm PEEK
X-Ray Beam Geometry:	Fan beam: 80° ± 2° (40°+ 40°) x 10° ± 1° (5°+ 5°)
Interface:	Analogue and Digital (RS232)
Input power:	100Vac -240VAC (8 Amp RMS max), 50/60Hz
Generator:	860mm x 240mm x 230mm, 75kg
Controller:	400mm x 400mm x 12mm, 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 3.0mA and 160kV 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**