

Excellence in X-Ray Imaging

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Maestro *i* SERIES

FIXED X-RAY SYSTEMS



DC HIGH FREQUENCY FIXED X-RAYS

Maestro 500i 42KW | 520mA

Maestro 300i 16KW | 320mA



AERB Approved



intertek



BIS Certified



Make in India



CDSCO


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All information, images and data provided in this document are preliminary and provisional



ALERIO Maestro II Series

- > Powerful, State-of-the-Art Fixed X-Ray Systems Designed for general radiographic procedures
- > The Maestro II Series combines high-performance technology with an intuitive workflow.

Uncompromising Image Quality

High-Frequency DC Output : Ensures consistent, high-quality radiation output.

Dual Focal Spot Rotating Anode Tube : Adaptively selects between Small and Large focus based on usage.

Built for High-Volume Workflow

High Operation Duty Cycle : Engineered to handle continuous x-ray procedures without over heating.

Intelligent Interface : A simple console featuring 400 Anatomical Programs (APR) designed specifically for ease.

Ergonomic & Flexible Design

Ceiling-Free Installation : Robust Floor Mounted tube stand, eliminates the need for complex ceiling structures.

Precision Positioning : Equipped with an Electromagnetic locking system for fine, effortless adjustments.

Power : Powered by a reliable 3-Phase mains input management circuit.

GENERAL SPECIFICATION



Maestro 500i

Maestro 300i

	Maestro 500i	Maestro 300i
Output kV Range	40 kV-125kV	40 kV-125kV
Maximum mA	520 mA	320 mA
Maximum mAs	350 mAs	350 mAs
Peak Power	42kW	16kW
Exposure Time Range	0.005s - 5.0s	
Input Power	3 Phase, 440VAC, 50Hz, with Neutral.	
Focal Spot	Small focus 1.0mm, Large focus 2.0mm	
Collimator	125kV Manual control	
Generator Type	HF Inverter with DC Output	
Leakage Radiation	<1mGy in 1 hour at 125kV	
Total Filtration	> 2.5mm AL	
Tube Stand	Ceiling free Floor mounted manual locking system	
Table Top	Fixed Radiographic Bucky Table with Manual locking	
Exposure Control	Wired Exposure switch	
Anatomical Programs	Factory / User Programmable	

SALIENT FEATURES

- > High Performance X-Ray System
- > Dual Focal Spot Rotating Anode tube
- > Electromagnetic Locking System
- > 400 Anatomical Programs

SAFETY FEATURES

- > Circuit breaker for mains isolation
- > Low Leakage Radiation
- > Active Over-Load Protection
- > Adaptive Cooling Period
- > Digital Close Loop Control

