



Dunlee DR 1400

Rotating Anode X-Ray Tube Assembly

Product highlights

The new Dunlee DR1400 Series X-ray tubes have been designed with today's high-patient throughput digital X-ray systems in mind. We manufacture a variety of focal spot sizes to meet virtually every imaging application. This new housing design has been designed to weigh less and is ideally balanced to simplify system integration.

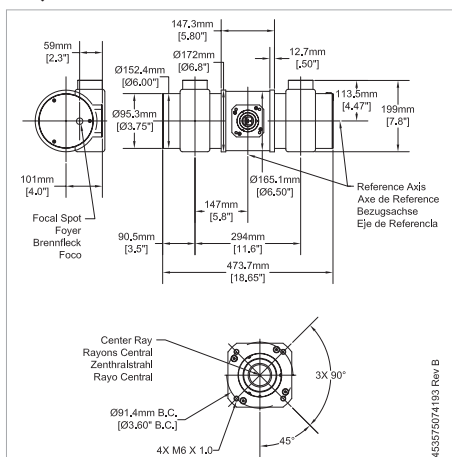
Dunlee's X-ray, Cardiovascular, and CT tubes are all manufactured in our advanced design and manufacturing centers in Aurora, Illinois and Hamburg, Germany.

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Technical data



Subject to technical modifications.



Main characteristics

Nominal Tube Voltage		150 kV
Nominal Input Power	DR1429, 1436, 1492	40/100 kW
	DR1494	15/45 kW
Focal Spots	DR1429, 1436, 1492	0.6/1.2
	DR1494	0.4/0.8
Max. Cooling Rate	DR1429	0.8 kW
	DR1436	1.42 kW
	DR1492, 1494	1.70 kW
Heat Storage	DR1429	212 kJ (300 kHU)
	DR1436	283 kJ (400 kHU)
	DR1492, 1494	450 kJ (600 kHU)
Target Diameter		102 mm
Target Angle	DR1429, 1436	13.5°
	DR1492	12°
	DR1494	15°
Anode Material	DR1429, 1436	W, Re, TZM
	DR1492, 1494	W, Re, TZM, Graphite
Housing Heat Storage Capacity		1300 kJ (1833 kHU)
Minimum Total Filtration		1.5 mm Al
Anode Speed		3000/9000 RPM
Stator Resistance		20/50 \emptyset
Temperature Range for Operating		-10°C. +80°C (14°F. -176°F)
Temperature Range for Transportation and Storage		-20°C. +78°C (-4°F. -155°F)
Weight		22 kg (48 lbs)
Standards and Agencies		IEC 60601-1, IEC 60601-1-3, IEC 60601-2-28, IEC 606336 UL (CSA)/CE, US FDA 21 CFR

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