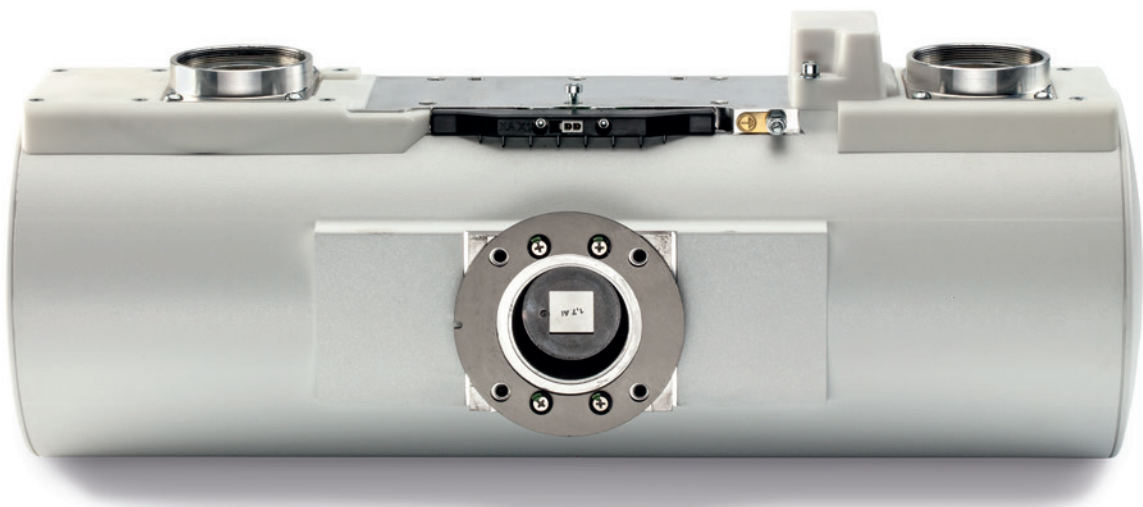


HIGH PERFORMANCE TUBE FOR RADIOGRAPHY

MAXIMUM THROUGHPUT WITH EXCELLENT RELIABILITY



The **DU1750-E** is a low-speed X-ray tube assembly, designed to **improve workflow and accelerate image acquisition** in heavily used radiography rooms with moderate peak power requirements. Its unique thermal management concept enables extraordinary patient throughput rates in combination with excellent reliability.

KEY BENEFITS

Improved workflow

- Up to 120 exposures per hour without overheating
- Enables 4 accelerations per minute

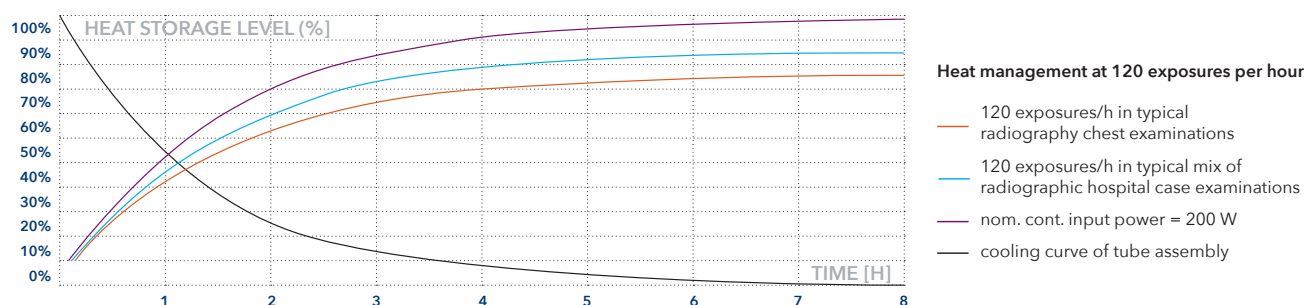
Convective air cooling

- No additional cooling devices (e.g. fans/chillers) needed

DUNLEE

Specifications			DU1750-E
Maximum Tube Voltage [kV]			150
Focal Spots	Small Focus		0.6
	Large Focus		1.2
Nominal Anode Input Power [kW] (High Speed 150Hz)	Small Focus	equivalent anode input power 250 W: equivalent anode input power 20 W:	17 21
	Large Focus	equivalent anode input power 250 W: equivalent anode input power 20 W:	50 60
Nominal Continuous Input Power for Assembly [W]			200
Maximum Heat Content of Assembly [kHU]			2,046
Maximum Permissible Rate of Start-Stop Cycles per Minute (Please note: this rate cannot be applied continuously without reaching critical housing temperature)			4
Nominal Anode Rotational Speed [rpm]			3,000
Anode Angle			13°
HV Cable Connection			03

The DU1750-E is part of the DU-E tube family and an ideal solution for moderate peak power requirements. DU-E X-ray tubes are designed to support workflows of 120 exposures per hour, for all kinds of radiographic applications. Even after eight hours of continual, consecutive examinations, fulfilling two exposures per minute, this tube assembly still reaches less than 90% of its heat storage capacity. This applies for radiographic chest examinations as well as for more demanding examination combinations which require more power, such as the pelvis, or stitching images of the spine.



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