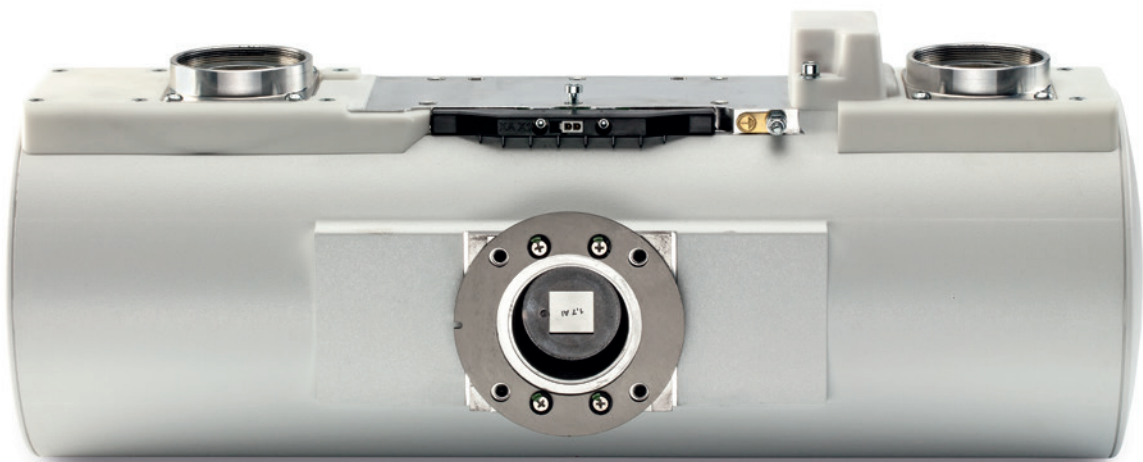


HIGH PERFORMANCE TUBE FOR RADIOGRAPHY AND REMOTE FLUOROSCOPY

# MAXIMUM THROUGHPUT WITH EXCELLENT RELIABILITY



The **DU33100-E** is a high-speed X-ray tube assembly, designed to **improve workflow and accelerate image acquisition** in heavily used radiography and fluoroscopy rooms with high 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

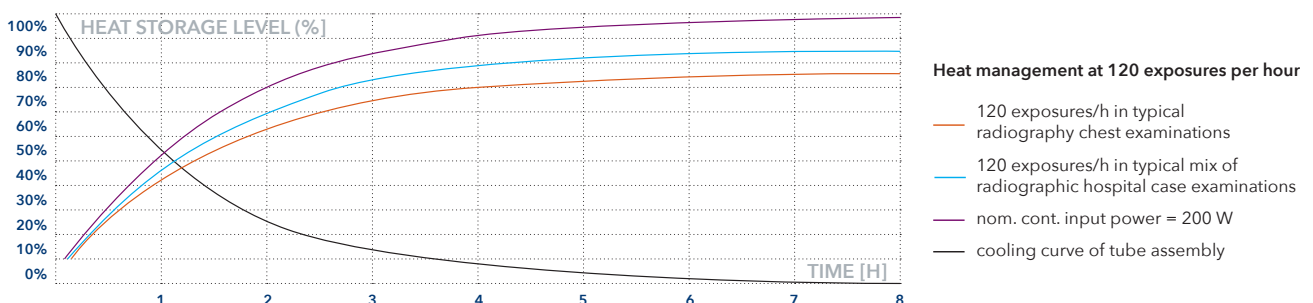
### Convective air cooling

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

DUNLEE

Specifications		DU33100-E
Maximum Tube Voltage [kV]		<b>150</b>
Focal Spots	Small Focus	<b>0.6</b>
	Large Focus	<b>1.2</b>
Nominal Anode Input Power [kW] (High Speed 150Hz)	Small Focus equivalent anode input power 250 W: equivalent anode input power 20 W:	<b>30</b> <b>33</b>
	Large Focus equivalent anode input power 250 W: equivalent anode input power 20 W:	<b>85</b> <b>100</b>
Nominal Continuous Input Power for Assembly [W]		<b>200</b>
Maximum Heat Content of Assembly [kHU]		<b>2,046</b>
Maximum Permissible Rate of Start-Stop Cycles per Minute (Please note: this rate cannot be applied continuously without reaching critical housing temperature)		<b>4</b>
Nominal Anode Rotational Speed [rpm]		<b>9,000</b>
Anode Angle		<b>13°</b>
HV Cable Connection		<b>O3</b>

The DU33100-E is the most powerful unit in the Dunlee DU-E tube family. 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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Dunlee is a brand of the Philips Company Group

**Contact us for further information and to find the tube best suited to your needs.**

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