

# EXTRAORDINARY IMAGE QUALITY COMBINED WITH WIDE COVERAGE



The **Xpert bundle with CT8000** is the newest and **most advanced product bundle** in Dunlee's components portfolio. It has been developed and designed to perfectly fit into high-end CT systems. The Xpert bundle is part of the product bundle range consisting of separate components which have been perfectly matched through extensive integration testing to achieve outstanding performance. It includes an X-ray tube assembly, generator, cooling unit and cables.

## KEY BENEFITS

### Solution provider

- The Xpert bundle comes pre-integrated and pre-calibrated for several clinical applications
- Important certificates and approvals are included for a fast time to market

### High-resolution one-rotation scan

- The wide X-ray tubes' coverage allows entire organs up to 16 cm to be scanned in one single rotation
- High-resolution images due to limited risk of organ movement help avoid multiple examinations

### Excellent cooling ability

- The unipolar tube design with exceptional cooling capacity enables high patient throughput
- Less waiting time before next scan, even with high-power applications

Specifications		Xpert bundle with CT8000
Maximum Power [kW] (IEC-rated [4/600 sec repeated])		<b>100</b>
G-Load [g]		<b>33.1</b>
Maximum Nominal Gantry Speed [rpm] (@575mm FS to ISO distance)		<b>220 + 2%</b>
Nominal Tube Voltage [kV]		<b>140</b>
Focal Spots [mm]	Large	<b>1.1 x 1.2</b>
	Small	<b>0.6 x 0.7</b>
	Extra Small	<b>0.4 x 0.7</b>
Dynamic Focal Spot	X-DFS	<b>Yes</b>
	Z-DFS	<b>Yes</b>
Polarity		<b>Unipolar</b>



**Xpert bundle with CT8000 for fast integration into your development process, thus speeding up the time to market.**

This product bundle provides solutions that support your business process, from development all the way to aftersales service.

The components are supplied readily calibrated and configured to help reduce your required R&D resources and costs. All cables are preassembled

and color-coded for fast and easy system integration.

The use of simplified, higher-level commands means that your team does not require in-depth knowledge of tubes and generators. On top of that, we offer all-round support during development and throughout the whole product lifecycle. **You are set for an efficient production and clinical workflow.**

All rights are reserved. Reproduction in whole or in part is prohibited without the prior written consent of the copyright holder.

Dunlee reserves the right to make changes in specification and/or to discontinue any product at anytime without notice or obligation and will not be liable for any consequences resulting from the use of this publication.

Dunlee is a brand of the Philips Company Group

**Contact us for further information.**

Philips Medical Systems DMC GmbH  
Tel.: +49 40 5078-1391 • Fax: +49 40 5078-1611  
Röntgenstrasse 24 • 22335 Hamburg • Germany

[dunlee.com](http://dunlee.com)