

RADON

MEDICAL IMAGING

PRODUCT OVERVIEW



UCT780

**UNITED
IMAGING** 



radonmedicalimaging.com

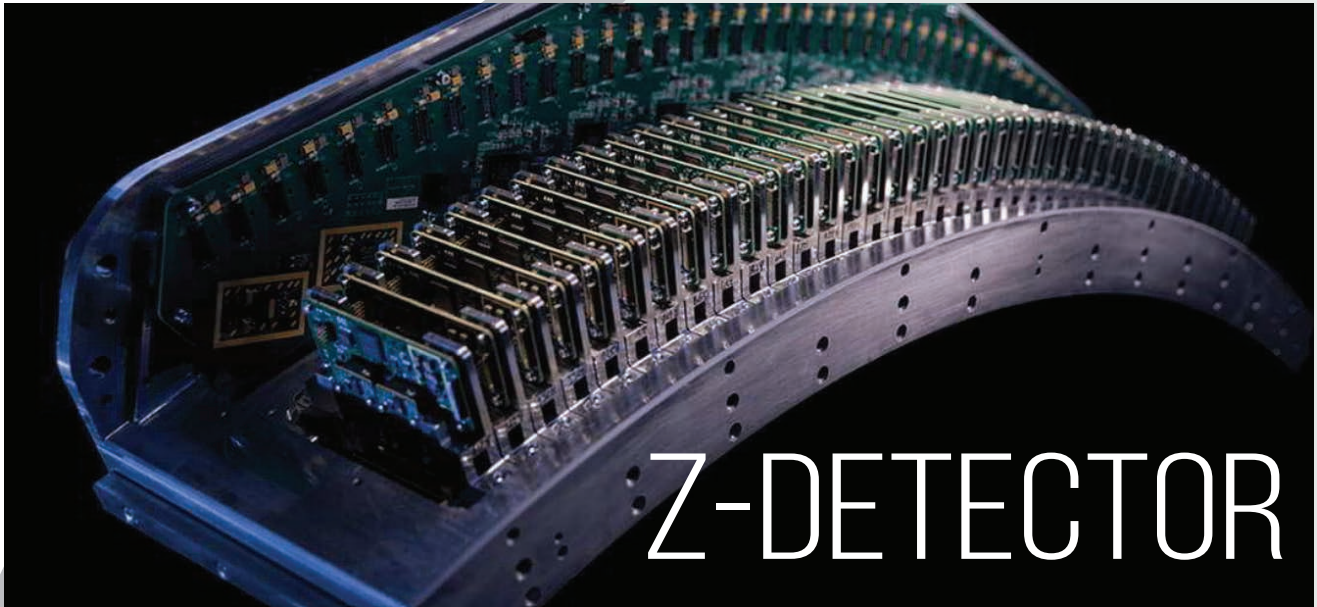
WEST VIRGINIA
866-723-6698

VIRGINIA
800-722-1991

SOUTH CAROLINA
800-722-1991



TECHNOLOGIES



The Z-Detector reduces electronic noise down to a single photon level, improving the signal-to-noise ratio (SNR) and providing more detailed images. The fully integrated design shortens the signal transmission length from centimeter to micron scale, resulting in tremendous electronic noise reduction and efficient X-ray utilization.

IMAGE RECONSTRUCTION



The uCT 780 provides dedicated solutions for more image detail and faster acquisitions. With a 0.5 mm collimation, finer structures are better visualized with every scan. A rapid 1024 x 1024 reconstruction matrix enhances the spatial resolution and helps reveal the smallest of details for the most challenging examinations.



DEDICATION TO FINE CRAFTSMANSHIP AND QUALITY



United Imaging has a remarkable dedication to craftsmanship and quality. From every detail inside the scanner to the finished product, the uCT 780 exudes fine craftsmanship and quality, which is evident in the stunning clinical images produced by the system.

COORDINATED CONTROL SYSTEM ARCHITECTURE

Rapid Transfer of Massive Data

The uCT 780 provides 360 million voxel data acquisition and reconstruction speed up to 60 IPS.

System Hardware Synchronization

System hardware synchronization offers precise radiation dose control and 0.3s high-speed gantry rotation.

Easy-Logic Intelligent Prediction Platform

The Easy-Logic intelligent prediction platform rapidly predicts the user's next action and efficiently prepares the tube, generator, gantry, and data path in advance of the user's action.





PRECISION. ACCELERATED.



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