

RADON

MEDICAL IMAGING

PRODUCT OVERVIEW



UCT550

**UNITED
IMAGING** 



radonmedicalimaging.com

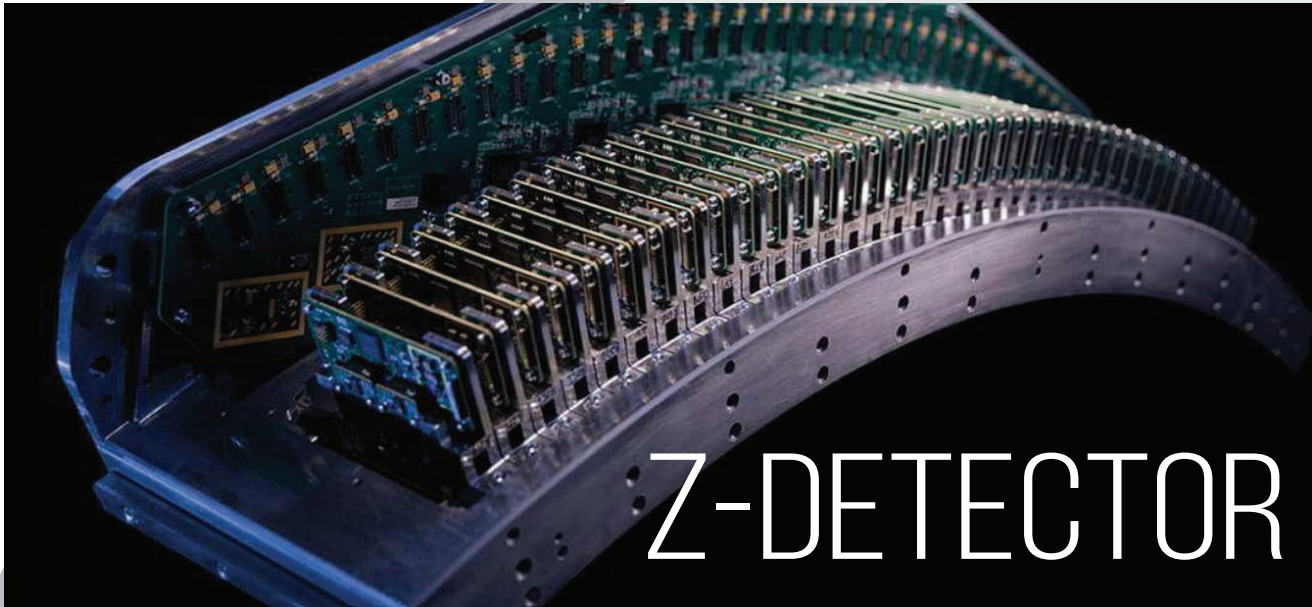
WEST VIRGINIA
866-723-6698

VIRGINIA
800-722-1991

SOUTH CAROLINA
800-722-1991



TECHNOLOGIES



Z-DETECTOR

Due to the fully integrated architecture, the Z-Detector results in almost loss-free digitized signals, thus significantly reducing the overall image noise. The outstanding electronic noise performance of the Z-Detector reveals an optimal signal-to-noise ratio (SNR) and image quality, utilizing 34,560 elements and a 0.55 mm individual element size.



KARL 3D

The KARL 3D iterative denoising technique significantly reduces radiation dose. KARL 3D employs a generalized gradient descent iterative denoising technique in both projection and image spaces. The unique KARL 3D Iterative Reconstruction Technology allows users to reduce the radiation dose significantly without sacrificing image quality.



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 550 exudes fine craftsmanship and quality, which is evident in the stunning clinical images produced by the system.

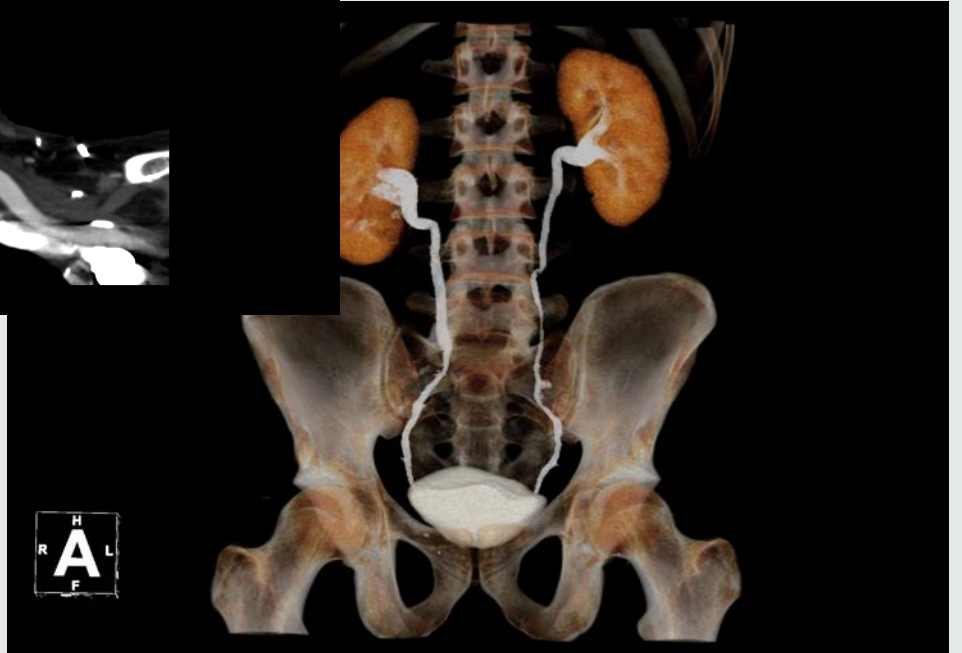
HIGHLY EFFICIENT WORKFLOW

Easy-Logic Intelligent Prediction Platform

The Easy-Logic intelligent prediction platform predicts the next user operation and prepares for the next phase, including tube preparation, gantry preparation, and data pre-processing. It shortens patient registration time with fast protocol selection from real-time data analysis

uECO Power-Saving Mode

The uECO shortens the time needed to stabilize the system after standby. The energy-saving module reduces the power consumption of the CT and HVAC systems





POWERFUL.
PROVEN.



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