

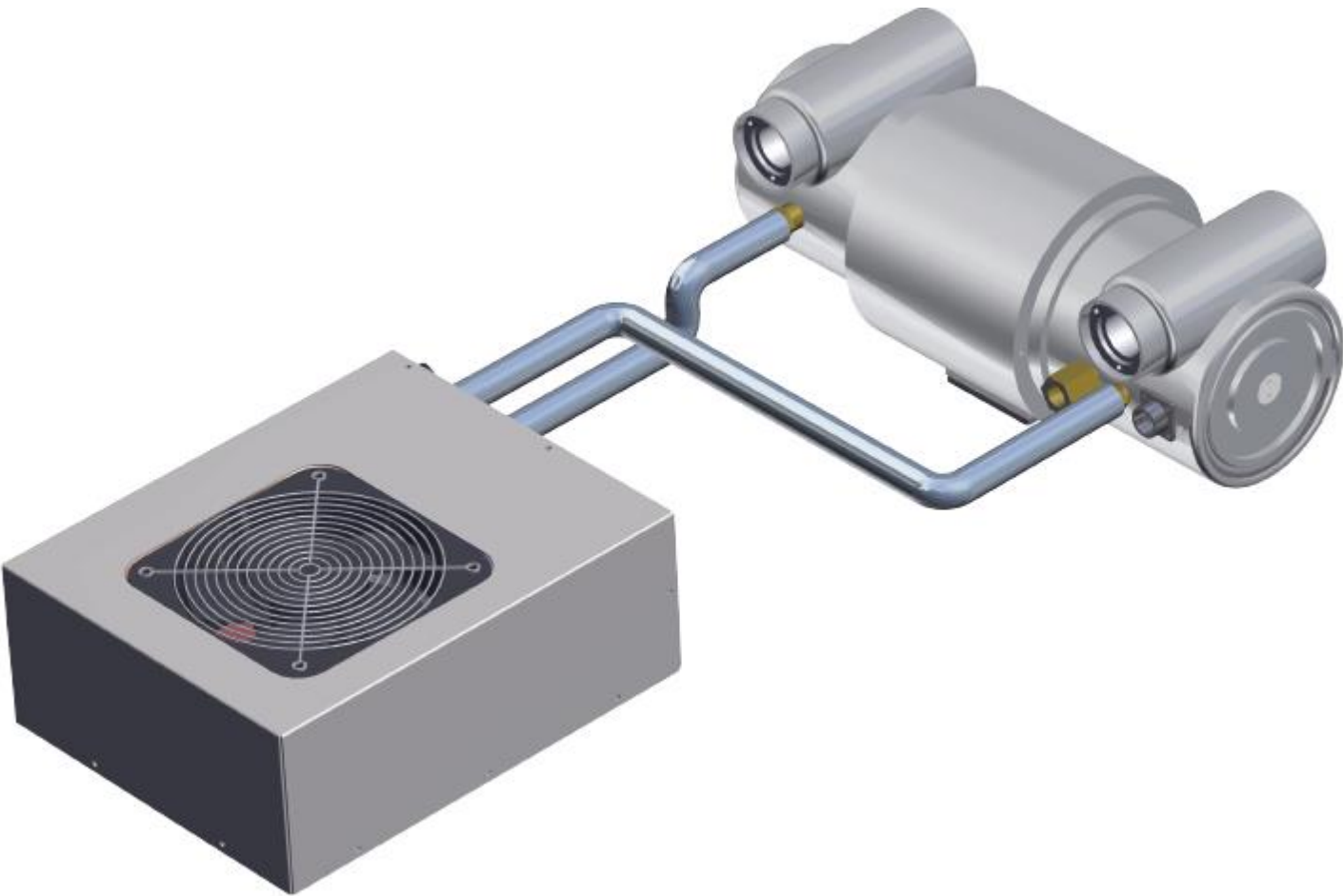
Wuhan United Imaging Healthcare Co., Ltd.

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uXT0344

X-ray Tube Assembly

ABOUT UIH

At United Imaging, we develop and produce advanced medical products, digital healthcare solutions, and intelligent solutions that cover the entire process of imaging diagnosis and treatment. Founded in 2011 with global headquarters in Shanghai, our company has subsidiaries and R&D centers across China, the United States, and other parts of the world. With a cutting-edge digital portfolio and a mission of broader access to healthcare for all, we help drive industry progress and bold change.

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uXT0344 Product Description

The uXT0344 X-ray Tube Assembly

The uXT0344 X-ray Tube Assembly is engineered for performance, combining a high-cooling metal envelope with a rotating anode design. Its proprietary manufacturing process delivers superior thermal management, ensuring outstanding stability and durability under demanding clinical operating conditions. The small focal spot and bipolar technology are key to delivering enhanced image clarity and consistent power output, providing a powerful and reliable core for a broad spectrum of applications, from routine diagnostics to low-dose high-definition imaging.

Technical requirements

Technical requirements	Parameter specifications
Nominal X-ray Tube Voltage	140kV
Leakage Radiation	≤0.88mGy/h
Focus spot size	Small focal spot: 0.7 x 0.8 (W × L) Large focal spot: 1.2 x 1.4 (W × L) (IEC 60336:2020)
Anode Heat Content	3.8MHU
Nominal continuous input power	3.7kW
Nominal CT Anode Input Power	Small Focal Spot: 29kW @ 4.0 s Large Focal Spot: 48kW @ 4.0 s
Polarity	Bipolar
G-Force	5.4g±1g

Regulation and Standards

This product is designed, produced and serviced in accordance with the ISO 13485; it complies with all safety standards for medical devices, including EN 60601-1, EN IEC 60601-2-28, EN 60601-1-3, EN IEC 60336 and EN 60613.

The product conforms with the requirements of regulation (EU) 2017/745 on medical devices