

Wuhan, P.R. China

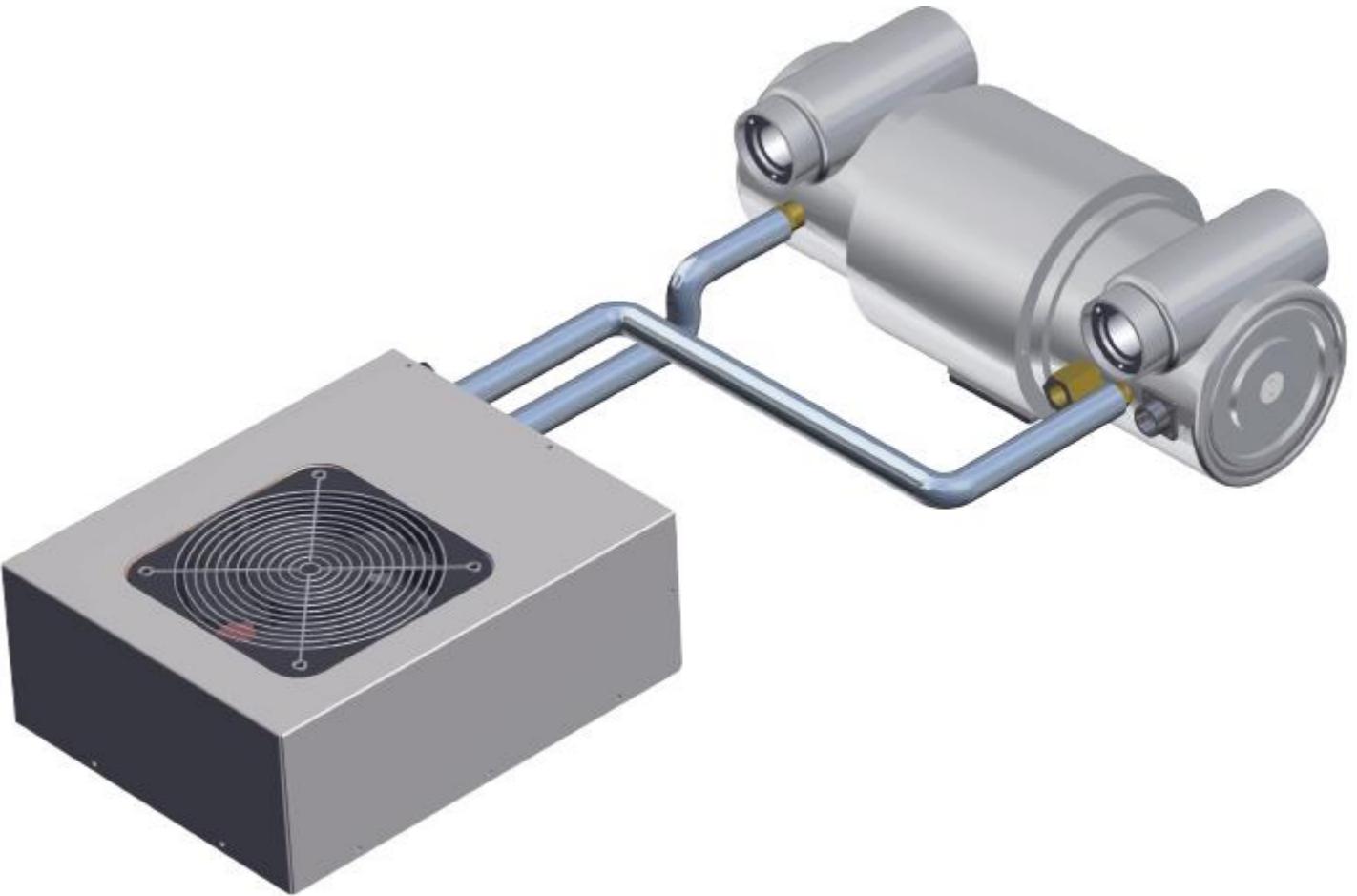
No. 99 Gaokeyuan Road, East Lake High-tech Development Zone, 430206

Email | [info.global@united-imaging.com](mailto:info.global@united-imaging.com)

Business Consultation | +86 (21) - 67076666

After-sales Service | 4006 - 866 - 088

Edition ID | 75009789-MPD-000-02



# uXT0344

## 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.

To learn more, visit <https://www.united-imaging.com>

## X-ray Tube Assembly

For professional reference only.  
International version.

Not for distribution or use in the U.S.

## 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

Nominal X-ray Tube Voltage
Leakage Radiation
Focus spot size
Anode Heat Content
Nominal continuous input power
Nominal CT Anode Input Power
Polarity
G-Force

### Parameter specifications

140kV
≤0.88mGy/h
Small focal spot: 0.7 x 0.8 (W x L) Large focal spot: 1.2 x 1.4 (W x L) (IEC 60336:2020)
3.8MHU
3.7kW
Small Focal Spot: 29kW @ 4.0 s Large Focal Spot: 48kW @ 4.0 s
Bipolar
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