



FURIX

FUVCT 600

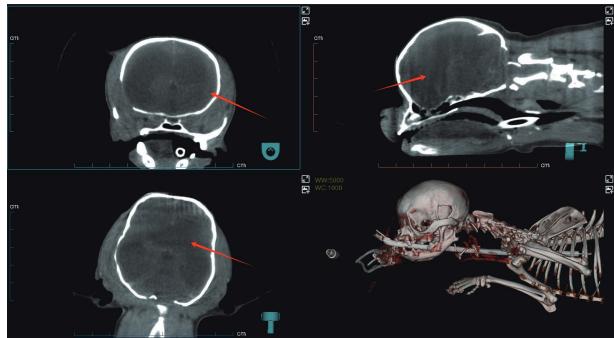
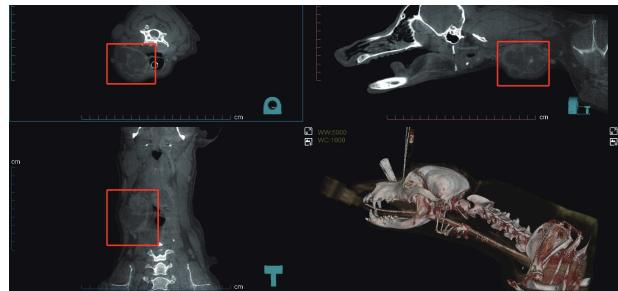
**Veterinary C-arm Animal Computed
Tomography System**



Clinical Case

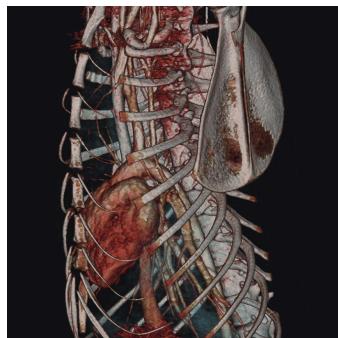
► Thyroid tumor

After intravenous angiography, a 3 cm enhanced mass was found in the thyroid region with mild surrounding soft tissue swelling. No significant lymphadenopathy was observed. The mass is compressing the esophagus and trachea, causing airway narrowing.

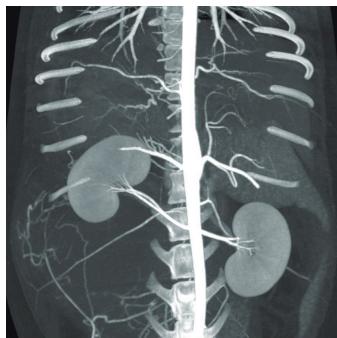


◀ Hydrocephalus

The pet shows increased intracranial pressure and vomiting. CT scans show bilateral ventricular enlargement and a cystic structure in the quadrigeminal region with low-density material. Suspected diagnosis: ventricular enlargement and quadrigeminal arachnoid cyst.



Cardiac 3D Rendering



Vascular MIP



Thoracic Duct Curved Reconstruction



Clinical Application

Part	Case
Head & Neck	Cerebral Edema, Brain Hemorrhage, Sinusitis, Otitis, Mastoid Effusion, Nasopharyngeal Stenosis, Tracheal Narrowing, etc.
Dental	Periodontitis, Periapical Abscess, Alveolar Bone Atrophy, Oral Cyst, Tooth Root Resorption, etc.
Thoracic	Pulmonary Edema, Pulmonary Nodules, Interstitial Pneumonia, Pulmonary Inflammation, etc.
Abdomen	Abdominal Wall Inflammation, Peritoneal Fluid Accumulation, Urography, Renal Imaging, Gallstones, Pancreatitis, Kidney Hardening.
Vascular	Abdominal Three-Phase Angiography, Peripheral Artery Thrombosis, Vascular Stenosis, etc.
Spine	Spinal Canal Imaging, Spinal Protrusion, Vertebral Imaging, Spondylosis, Thoracic Spine Fracture, etc.
Tumors	Thyroid Tumors, Nasal Tumors, Ovarian Tumors, Renal Tumors, Adrenal Tumors, etc.
Others	Arthritis, Thoracic Duct Imaging, Peritoneal Calcification, etc.



**Shenzhen Falcon and Furix Lifesciences Co. Ltd
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FUVCT 600

Efficient Angiography

Multi-phase Imaging for Comprehensive Lesion Analysis

360° Intraoperative Imaging

Real-time Capture of Lesion Changes, Reducing Blind Spots

Large FOV

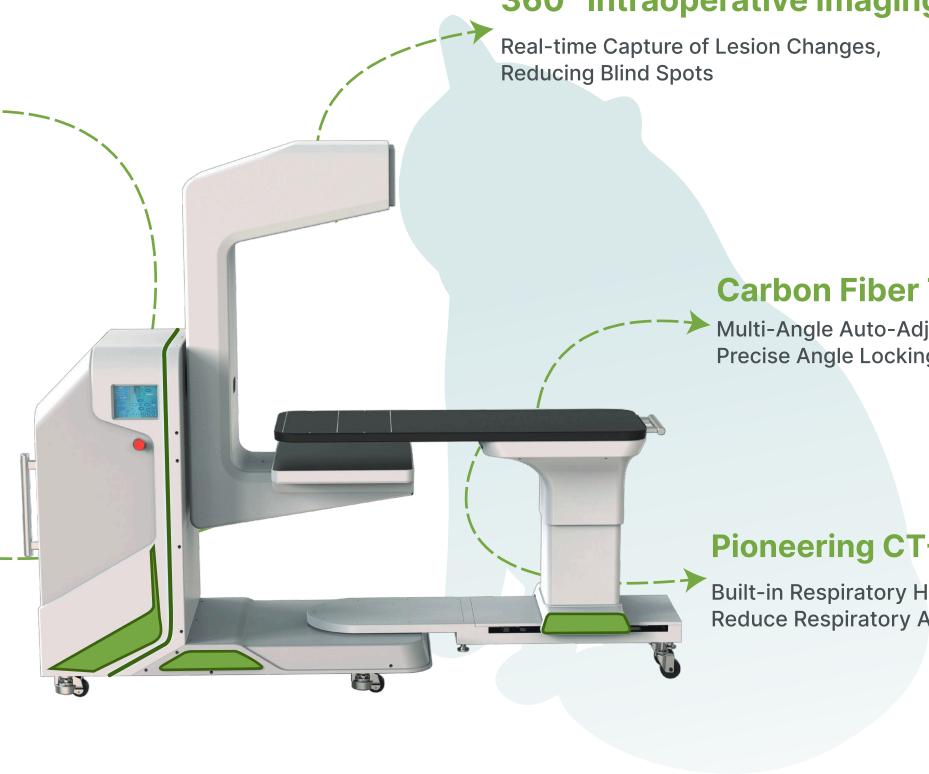
Breaking Intraoperative CT Imaging Limits

Carbon Fiber Table

Multi-Angle Auto-Adjustment for Precise Angle Locking

Pioneering CT-AIR

Built-in Respiratory Hold Unit to Reduce Respiratory Artifacts



Flexible C-arm

Supports 360° Free Rotation for angle adjustments, providing more visual options for surgeries.



Multi-Angle Table

Supports Multi-Angle Rotation, easily adjusting angle for imaging needs.



Control Panel

Supports one-touch operation and quick parameter adjustment.

Image Quality

Weight Range	0-2kg	2-30kg	30-50kg	50-70kg
Imaging Effect	Medium	Excellent	Good	Passable



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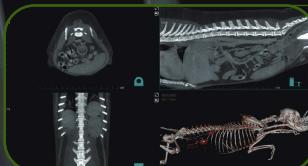
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Four-in-One

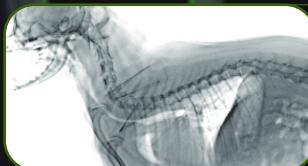
Computed Tomography(CT)/Fluoroscopy (Dynamic DR)/Radiography(DR)/Panoramic

CT



12s Ultra-Fast Scan/0.2mm Ultra-Thin Slice Thickness/50cmx30cm FOV/ CT-AIR Breathing Hold

FL



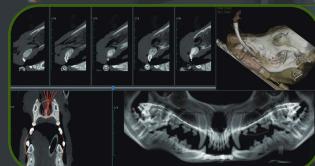
Supports Different Frame Rates: 5fps, 10fps, 20fps; Continuous Exposure for 2 Minutes

DR

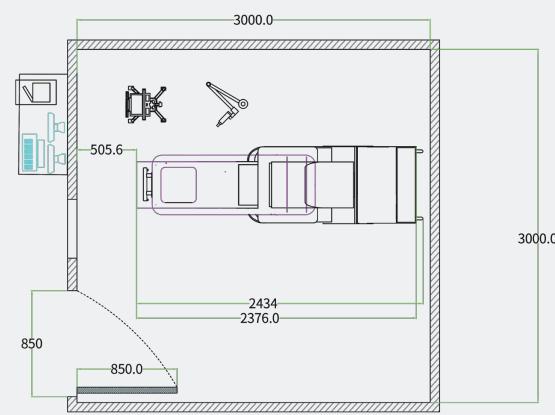


Edge Enhancement;Multi-algo-
rithms;Tools: TPLO/VHS/TTA

Panoramic Dental



One Scan for Full Arch & Jaw



Specifications

	Structure	C-Arm
Gantry	C-Arm Width	39.3(100cm)
	C-Arm Depth	27.6"(70cm)
	Nominal Power	15kW
	Input Power	220Vac±10%
	X-ray Tube Heat Capacity	150kJ
Table	Horizontal Movement	19.7"(500mm)
	Vertical Movement	11"(280mm)
Scan Parameters	CT Scan Slices	600-1000
	CT Slice Thickness	0.2-0.5mm
	CT Scan Time	12s
	Max.FOV (L x W)	19.7" x 11.8" (50cmx30cm)

Technical Requirements:

Technical Requirements:	Technical Specifications
Voltage	220V±10%
Power Resistance	≤0.5Ω
Frequency	60Hz±3Hz
Power Capacity	15kW
Power Cable	6mm ²
Lead Shielding	3mm lead equivalent
Temperature	10°C-35°C
Humidity	30%-75%
Air Pressure	700-1060hPa

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