

FIDEX-GT Data Sheet (Revised – 240926)

Installation requirements	
Input Power	240VAC/50/60Hz, 10 Amp, Single Phase
	2 kW
	Surge Protection

Site requirements	
Operating temperature	15 °C to 35 °C
Storage Temperature	-20 °C to 70 °C
Operating Humidity	20-80% non-condensing
Floor Weight Capacity	300 kg/m ²
Room Size	2.0m x 2.5m

Geometry	Closed Gantry Design
CT FOV	24cm diameter - Fixed
DR FOV	43cm x 43cm
FL FOV	43cm x 43cm
Table Size	60cm x 140cm
Table Weight Capacity	150 kg (330 lbs)

X-Ray Generation	
X-ray Beam Shape	Cone Beam
X-ray tube Voltage	40-120kV
Max mAs	160mA , Max of 10 mAs/pulse
Pulse Power	Up to 29 kW (15kW used)
X-ray Tube	Rotating anode

X-Ray Detection	
Detector Technology	Flat Panel Csi 3072 x 3072 Pixels
Pixel Size	139 μ
Detector Type	Dynamic 16-bit

Connectivity	
DICOM 3.1 compliance	DICOM worklist
Compression	Configurable

User Interface	
Data Base	Searchable
Modality Selection	CT, DR, FL
Data Acquisition	Icon / Protocol – Driven
Data Visualization	Full Workstation Capability
Data Storage	2 TB Data Drive
Archival and Back-Up	

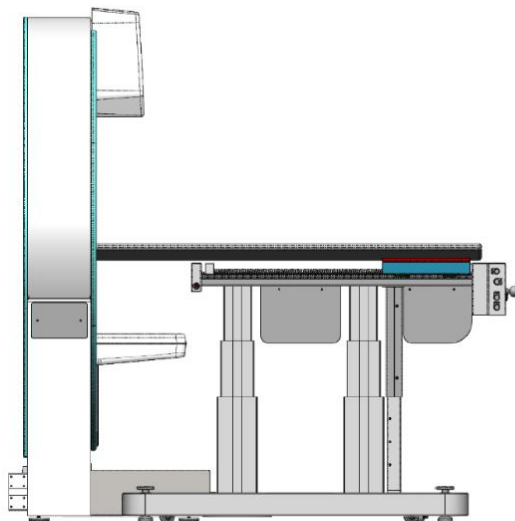
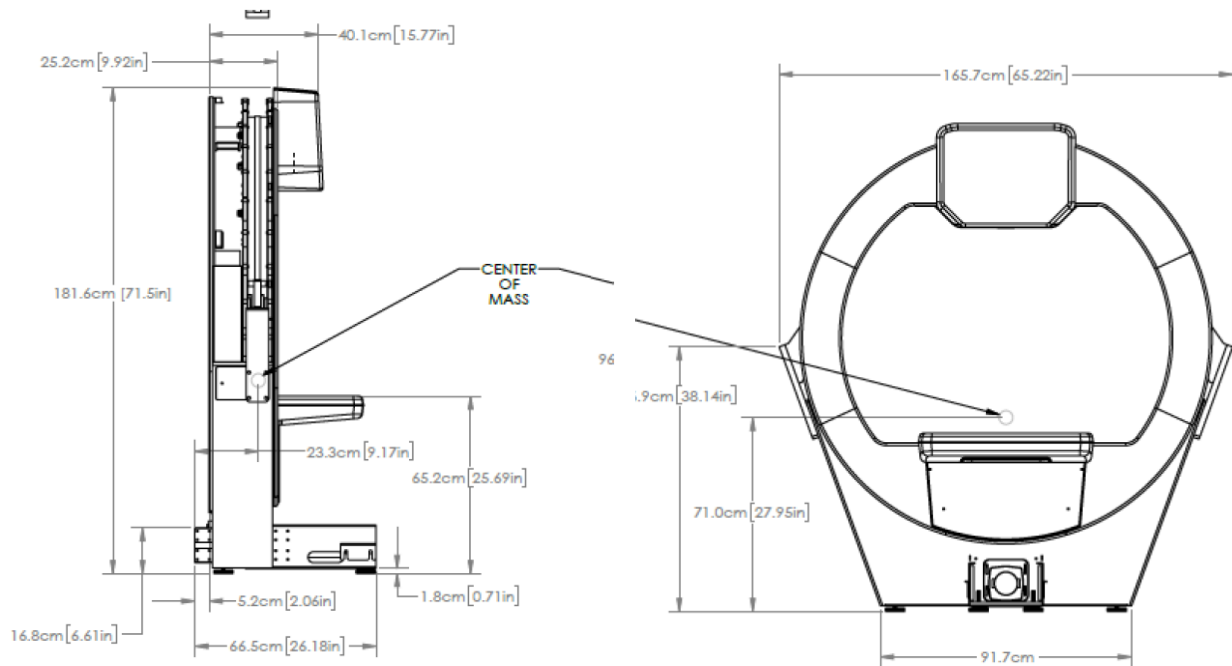
Imaging Modes	
CT Mode	
Preview	72cm
CT Acquisition	Average 1cm/s
CT Range	72cm
Rotation Angle	210 or 270 degrees
Reconstruction	512 x 512 Pixels / Slice
Slice Thickness / Spatial Resolution	0.5mm Normal, 0.25mm Hi.Res.
Low Contrast Resolution	Approx. 8 HU
Display	MPR, MIP
	Slice / Slab
	Volume Rendering
Pre/Post Contrast	Side-by-Side Display

DR Mode	43 cm x 43 cm
Filters	Multiple Filter Choices
Display	3072 x 3072 Pixels
	Side-by-Side

Fluoroscopy Mode	43 cm x 43 cm
Acquisition	5,10,30 fps
Real-Time Display	Raw, Filtered
DSA Capability	Built-in



FIDEX-GT Dimensions



Footprint: minimal room size: 2.00 m x 2.50 m
Carbon Footprint: ca. 2.9 kg CO₂ per year average use

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