



## FIDEX-FS Data Sheet

### Installation requirements

Input Power: 110V to 240V single phase  
2 kW  
Surge protection

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### Site requirements

Operating temperature: 15°C to 35°C  
Storage temperature: -20°C to 70°C  
Operating altitude: 0 to 3000m  
Operating humidity: 20 – 80% non-condensing  
Floor weight capacity: 1,000 kg/m<sup>2</sup>

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### Geometry

Open gantry design  
CT FOV: 24cm diameter  
DR FOV: 43cm x 43cm  
FL FOV: 43cm x 43cm  
Table size: 48cm x 138cm for CT/FL  
100cm x 80/138cm for DR/FL  
3-way floating

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### X-Ray generation

X-ray beam shape: cone beam  
X-ray tube voltage: 40 – 120 kV  
Pulse power: up to 15 kW  
X-ray tube: rotating anode

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### X-Ray detection:

Detector technology: flat panel CsI  
Detector type: PKI RF4343

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### Connectivity

DICOM 3.1 compliance; DICOM worklist  
Compression: configurable  
Client data access: Fidex CLOUD or  
MiniFidex memory sticks

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### 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

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### Imaging modes

#### CT mode:

Preview: 72cm 2-dimensional  
CT acquisition: average 1 cm/s  
CT range: 72cm  
Reconstruction: up to 1200 x 1200  
Slice thickness/  
spatial resolution 0.2/ 0.5mm  
low contrast resolution: approx. 8 HU  
Display: MPR, MIP  
Slice/slab  
Volume rendering  
Pre/post contrast: side-by-side display

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#### DR mode:

43cm x 43cm  
Filters: multiple filter choices  
Display: 1024 x 1024 pixels  
side-by-side

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#### Fluoroscopy mode:

43 x 43cm  
Acquisition: 5, 10, 30 fps  
Real-time display: raw, filtered  
DSA capability: built-in

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