



FIDEX-FS Data Sheet

Installation requirements

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

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/m²

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

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

X-Ray detection:

Detector technology: flat panel CsI
Detector type: PKI RF4343

Connectivity

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

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 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

DR mode:

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

Fluoroscopy mode:

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

