



FIDEX-FS Data Sheet

Installation requirements

Input Power:	110 V to 240 V 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 m to 3000 m
Operating humidity:	20 % – 80 % non-condensing
Floor weight capacity:	1,000 kg/m ²

Geometry

	Open gantry design
CT FOV:	24 cm diameter
DR FOV:	43 cm x 43 cm
FL FOV:	43 cm x 43 cm
Table size:	60 cm x 140 cm for CT/FL
Table weight capacity:	> 200 kg

X-Ray generation

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

X-Ray detection:

Detector technology:	flat panel CsI
Detector type:	dynamic

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:	72 cm
CT acquisition:	average 1 cm/s
CT range:	72 cm
Reconstruction:	up to 1200 x 1200
Slice thickness/ spatial resolution	0.25 mm / 0.45 mm
low contrast resolution:	approx. 8 HU
Display:	MPR, MIP Slice/slab Volume rendering side-by-side display
Pre/post contrast:	

DR mode:

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

Fluoroscopy mode:

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

