



FIDEX-Classic 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/m ²

Geometry

	Open gantry design
CT FOV:	23cm diameter
Low dose DX:	13cm x 13cm
Small field FL:	13cm x 13cm
Table size:	48cm x 138cm for CT/FL

X-Ray generation

X-ray beam shape:	cone beam
X-ray tube voltage:	40 – 120 kV
Pulse power:	4 kW
X-ray tube:	rotating anode

X-Ray detection:

Detector technology:	flat panel CsI
Detector type:	CMOS

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:	50cm 2-dimensional
CT acquisition:	average 1 cm/s
CT range:	50cm
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

DX mode:

	13cm x 13cm
Filters:	7 filter choices
Display:	1024 x 1024 pixels side-by-side

Fluoroscopy mode:

	13 x 13cm
Acquisition:	5, 10, 30 fps
Real-time display:	raw, filtered
DSA capability:	built-in

