

Installation requirements

Input Power:	230 V 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:	1,000 kg/m ²
Room size:	2.0 m x 2.5 m

Geometry

	Open gantry design
CT FOV:	32cm diameter
DR FOV:	43cm x 43cm
FL FOV:	43cm x 43cm
Table size:	60 cm x 140 cm
Table weight capacity:	> 250 kg

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 3072 x 3072 pixels
Pixel size:	139 µ
Detector type:	dynamic 16-bit

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:	4 TB data drive
Archival and back-up	

Imaging modes

CT mode:

Preview:	72cm
CT acquisition:	8 sec/24cm
CT range:	72cm
Reconstruction:	640 x 640 pixels/slice
Slice thickness/ spatial resolution	0.25 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 x 1024 pixels side-by-side

Fluoroscopy mode:

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

