

## 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: 300 kg/m<sup>2</sup>  
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  
Pre/post contrast: side-by-side display

### DR mode:

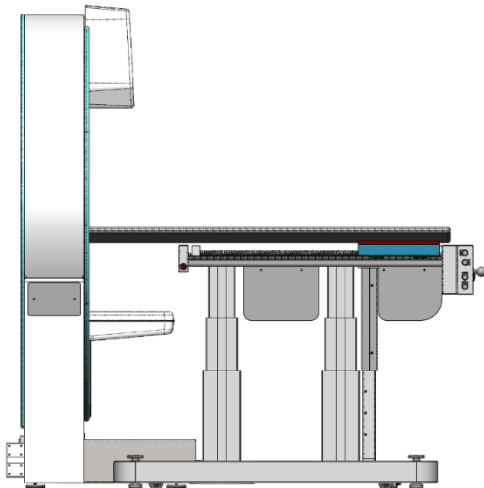
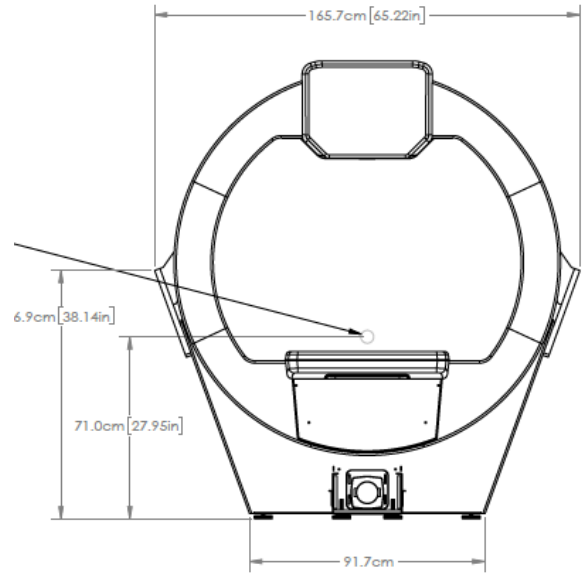
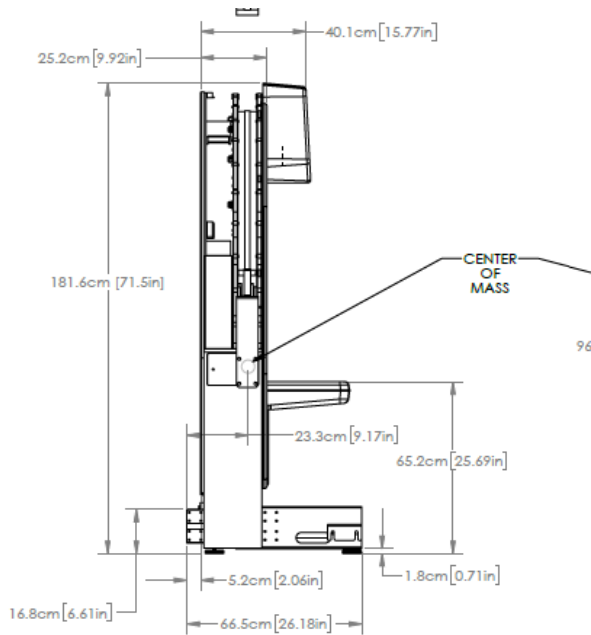
43 cm x 43 cm  
Filters: multiple filter choices  
Display: 1024 x 1024 pixels  
side-by-side

### Fluoroscopy mode:

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



**Fidex-GT dimensions:**



Footprint: minimal room size: 2.00 m x 2.50 m  
 Carbon Footprint: ca. 2.9 kg CO<sub>2</sub> per year average use