

## FIDEX-FS Data Sheet (Revised – 240926)

| Installation requirements |                           |
|---------------------------|---------------------------|
| <b>Input Power</b>        | 110V to 240V single phase |
|                           | 2 kW                      |
|                           | Surge Protection          |

| Site requirements            |                       |
|------------------------------|-----------------------|
| <b>Operating temperature</b> | 15 °C to 35 °C        |
| <b>Storage Temperature</b>   | -20 °C to 70 °C       |
| <b>Operating Altitude</b>    | 0 to 3000m            |
| <b>Operating Humidity</b>    | 20-80% non-condensing |
| <b>System Weight</b>         | 650kg                 |
| <b>Min Room Size</b>         | 2.5m x 3.5m           |

| Geometry                     | Open Gantry Design  |
|------------------------------|---------------------|
| <b>CT FOV</b>                | 24cm diameter Fixed |
| <b>DR FOV</b>                | 43cm x 43cm         |
| <b>FL FOV</b>                | 43cm x 43cm         |
| <b>Table Size</b>            | 48cm x 136cm        |
| <b>Table Weight Capacity</b> | 150kg (330 lbs)     |

| X-Ray Generation          |                          |
|---------------------------|--------------------------|
| <b>X-ray Beam Shape</b>   | Cone Beam                |
| <b>X-ray tube Voltage</b> | 40-120kV                 |
| <b>Pulse Power</b>        | Up to 29 kW ( 15kW used) |
| <b>X-ray Tube</b>         | Rotating anode           |

| X-Ray Detection            |                                   |
|----------------------------|-----------------------------------|
| <b>Detector Technology</b> | Flat Panel Csi 3072 x 3072 Pixels |
| <b>Pixel Size</b>          | 139 μ                             |
| <b>Detector Type</b>       | Dynamic 16-bit                    |

| Connectivity                |                |
|-----------------------------|----------------|
| <b>DICOM 3.1 compliance</b> | DICOM worklist |
| <b>Compression</b>          | Configurable   |

| User Interface            |                                        |
|---------------------------|----------------------------------------|
| <b>Data Base</b>          | Searchable                             |
| <b>Modality Selection</b> | CT, DR, FL                             |
| <b>Data Acquisition</b>   | Icon / Protocol – Driven               |
| <b>Data Visualization</b> | Full Workstation Capability            |
| <b>Data Storage</b>       | >4 TB Data Drive, Archival and Back-Up |

| Imaging Modes                               |                              |
|---------------------------------------------|------------------------------|
| <b>CT Mode</b>                              |                              |
| <b>Preview</b>                              | 72cm 2-dimensional           |
| <b>CT Acquisition</b>                       | Average 1cm/s                |
| <b>CT Range</b>                             | 72cm                         |
| <b>Rotation Angle</b>                       | 400 Degrees                  |
| <b>Reconstruction</b>                       | 512 x 512 Pixels / Slice     |
| <b>Slice Thickness / Spatial Resolution</b> | 0.5mm Normal, 0.25mm Hi.Res. |
| <b>Display</b>                              | MPR, MIP                     |
|                                             | Slice / Slab                 |
|                                             | Volume Rendering             |
| <b>Pre/Post Contrast</b>                    | Side-by-Side Display         |

|                |                         |
|----------------|-------------------------|
| <b>DR Mode</b> | 43 cm x 43 cm           |
| <b>Filters</b> | Multiple Filter Choices |
| <b>Display</b> | 3072 x 3072 Pixels      |
|                | Side-by-Side            |

|                          |               |
|--------------------------|---------------|
| <b>Fluoroscopy Mode</b>  | 43 cm x 43 cm |
| <b>Acquisition</b>       | 5,10,30 fps   |
| <b>Real-Time Display</b> | Raw, Filtered |
| <b>DSA Capability</b>    | Built-in      |

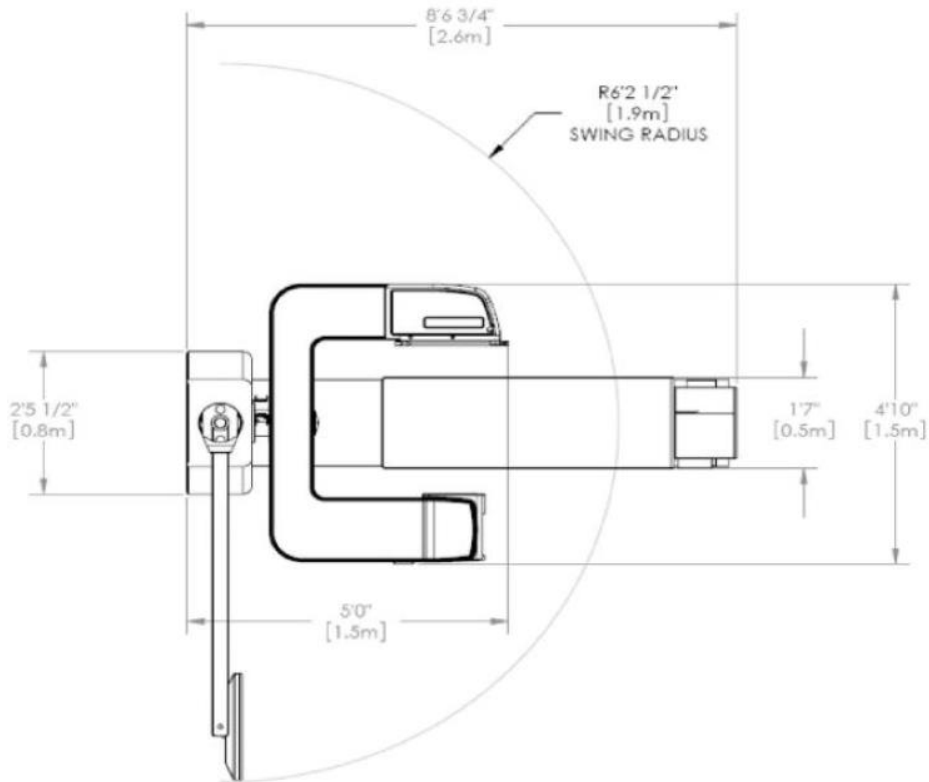
### Fidex-FS

CT, DR, and Fluoroscopy - All In One Machine

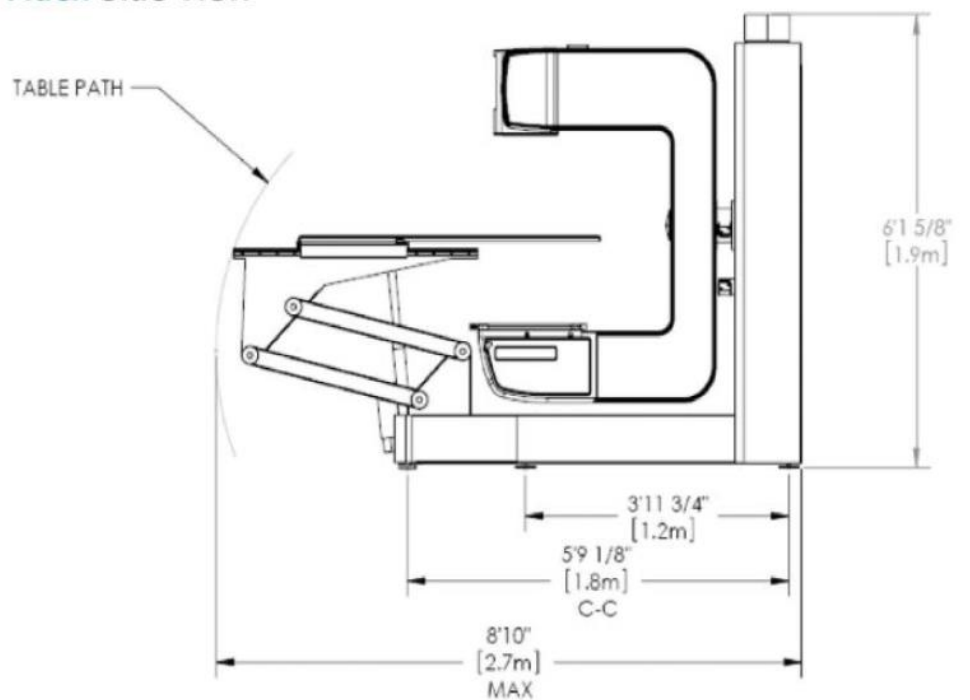


## FIDEX-FS Dimensions

### Fidex Top View



### Fidex Side View



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