

The Avanza™ Patient Positioning Table demonstrates a high level of stability and accuracy for treatment techniques that require precision. Designed for use with external beam therapy systems and simulators.



Fully motorized motions include isocentric rotation, vertical, lateral and longitudinal motions designed to position the patients easily, quickly and accurately. The Avanza™ Patient Positioning Table is designed with moveable support bars to maximize flexibility in treatment set-up. The Avanza™ is the solution for more complex treatment techniques such as Intensity Modulated Radiation Therapy (IMRT), stereotactic radiation therapy and conventional treatment such as extended Skin to Source Distance (SSD) and half-body techniques.

### 1.0 Performance Capabilities

#### 1.1 Isocentric Rotation

Range	± 110 degrees
Speed	Variable to a maximum speed of 2.5 degrees

Accuracy	2 mm radius circle
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#### 1.2 Vertical Motion

Range	70 cm – lowest position 150 cm – highest position
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Speed	Variable to a maximum of 3 cm/s
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Accuracy	± 2 mm over entire range
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#### 1.3 Lateral Motion

Range	± 24 cm
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Speed	Variable to a maximum of 5 cm/s
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Accuracy	± 2 mm over entire range
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#### 1.4 Longitudinal Motion

Range	80 cm
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Speed	Variable to a maximum of 5 cm/s
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Accuracy	± 2 mm over entire range
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#### 1.5 Table Top Eccentric Rotation

The tabletop can be manually rotated from 0° to ± 180° with locking capabilities at 0°, 90° and 180° to ensure clearance between the table and the unit.

#### 1.6 Maximum Load Capacity

The static load capacity is 200 kg distributed over the length of the table top.

#### 1.7 Weight

Approximately 930 kg, excluding toe-bearing assembly.

### 2.0 Table Top

#### 2.1 Table Top Dimensions

80 cm isocentre configuration

Width	42 cm
Length	235 cm

100 cm isocentre configuration

Width	49 cm
Length	235 cm

A 30.4 cm extension plate extends the effective length of the table for versatility.



## *Best*<sup>®</sup> *Theratronics*

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