

Best[®]
Theratronics



 *Avanza*[™]

PATIENT POSITIONING TABLE

Uncompromising Precision, Unparalleled Performance



Your Single Source Oncology Solutions Provider

At Best® Theratronics we design products and solutions that help medical professionals treat cancer. Our products are used throughout the world to deliver radiation treatments. We are best known for the Theratron® Teletherapy treatment systems using Cobalt-60. We have over 50 years of experience in designing, manufacturing, installing, and servicing Cobalt based external beam systems. Over that time we have installed more than 1,500 Theratrons® and supply over 80% of the world's gamma based external beam systems. Today these machines deliver 45,000 treatments per day.

The Avanza™ Patient Positioning Table is a state-of-the-art system that meets the needs of modern radiation oncology clinics. Providing the highest levels of stability and accuracy, it supports all modern treatment techniques, including specialized treatments that require optimal precision and reproducibility, such as stereotactic radiosurgery and IMRT.

The Avanza™ is the newest member of the Theratron® line of couches, a new design that offers more reliability and more functionality. As one of the members of the Team Best® companies, we are excited to expand our product offerings beyond external beam treatment systems. Our aim is to be the Single Source Oncology Solutions Provider of choice for our customers. We can now offer our customers a wide array of best in class products used in brachytherapy and external beam radiation. It is through our commitment to our customers that we succeed in our mission to provide healthcare for everyone.

Features

Ergonomic Design

Table mounted controls provide therapists with flexibility in positioning patients. Free-float and “zero” position decrease set-up time.

Theratron® Equinox™ Integration

The Avanza™ is fully integrated with the Theratron® Equinox™ External Beam Therapy System. The Avanza™ table can be operated from the Theratron® Equinox™ hand control.

Auto-Load/ Unload

Table automatically drives to the load position to ease loading or unloading of patients.

Vertical Travel

Vertical travel ranges from 70 cm to 150 cm, providing clinicians with the ability to position patient for advanced treatment techniques.

Specifications

Tabletop (I & W) 80 cm SAD	235 cm x 42 cm
100 cm SAD	235 cm x 49 cm
Stretcher Top Extension	30.4 cm
Stretcher Top (Effective) Opening (I & W) 80 cm SAD	58 cm x 34 cm
100 cm SAD	58 cm x 36.5 cm
Movement	
Longitudinal	80 cm
Lateral	24 cm to both sides of central position
Vertical	80 cm
Isocentric Rotation Configurable	±110° from “zero” position
Special Features	Free-float “Zero” Position feature Auto-load capability
Table Motion Controls	Located on each side of the table Handheld control available
Display	Digital display on table-mounted panel located on each side of the table
Maximum Load Capacity	200 kg
Treatment Area	kevlar Mesh

CLINICAL AND WORKFLOW BENEFITS

- Accurate and reproducible patient positioning
- Better than 2 mm positioning accuracy
- Efficient and comfortable patient set-up
- Streamlined set-up with free-float and automated motions
 - Flexible set-up with “zero” position
- kevlar mesh reduces surface dose buildup



Patient Convenience

Patient convenience sets the Avanza™ apart from other treatment tables. Features like auto-load and low travel position facilitate patient placement. Free-float and automated motions provide clinics with flexibility.

During treatment, getting patients on and off the table takes a great deal of time. The load-height position and auto-load capabilities of the Avanza™ accelerate this process and provide greater comfort to the patient. Set-up is also streamlined by the Avanza™ free-float feature, motorized motions and table “zero” position, all of which give the system tremendous flexibility. The clinician and the patient both benefit, because decreasing set-up time maximizes efficiency within the oncology clinic, allowing more patients to be treated every day. Its large treatment area and C-arm design further increase the system's treatment flexibility. The robust design increases patient load capacity and exceeds IEC standards for stability.



Healthcare For Everyone

Best® Theratronics' products and services are used throughout the world to prevent, diagnose and treat disease. Our applied research and innovation play an integral part in improving global healthcare.

"Our Team Best® companies are committed to making quality healthcare affordable and accessible globally."

krishnan Suthanthiran
President, Best Medical International

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