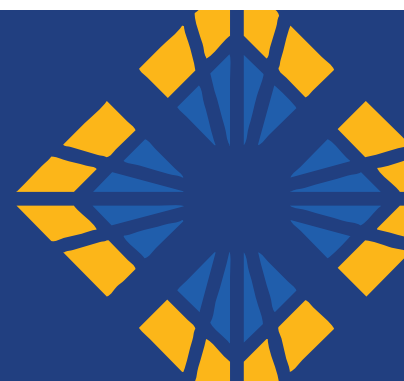




AMRAD  **Medical**
by **Summit Industries**

INTELLECT OTS

Ceiling Mounted Tube Support System
Auto Positioning, Auto Tracking





Intellect

Grab and Go

the smoothest movement
experience available

The Intellect's Advanced Design

- **Design Intellect:** agile and stable without vibration to ensure maximum precision in positioning.
- **Handle Intellect:** contains internal sensors that activates movement smoothly, to the User's natural touch.
- **Lock Intellect:** electromagnetic brakes for all angulation, rotation and movement in table and wall stand.
 - **Installation Intellect:** easy installation with tube, collimator and internal wiring pre-installed, reducing total installation time by half.
 - **Control Intellect:** high-resolution, user friendly easy-to-read display with wide viewing angles, large numbers and icons.
- **Table Intellect:** variable height for convenient and comfortable patient positioning; weight rated up to 881 lbs.
- **Movement Intellect:** Servo-assisted motorized movements for precise and accurate positioning.

Full automation with the smoothest movement available

POWERFUL X-RAY GENERATOR

Intellect incorporates a powerful x-ray generator with different output power range: 50kW max. for single-phase and 80kW for three-phase line.

AEC (Automatic Exposure Control)

Image Quality is optimized with patient dose reduction.



ZERO-EFFORT TECHNOLOGY

The operator can easily move the ceiling suspension to any preset position just by gently grabbing the Intellect handle.

The tilting wall-stand and elevating table movements are smooth and fast and require minimal effort.



AUTO-TRACKING WALL STAND AND TABLE

When the ceiling suspension is moved up, down or angulated, manually or with the remote-control, the cabinet in the table or wall-stand will follow by keeping the SID and center of the detector consistent.

When the ceiling suspension is angulated manually or angulated with remote control, the detector's positioner (table, wall stand) will track the movement and acquire centering.

AUTO-POSITIONING MOVEMENTS

The ceiling suspension automatically moves to the center of the detector, located in the table or the wall-stand, according to the SID and angulation of the tube. All axes are servo-assisted and motorized for travelling up to 16.4 feet and 360° angles.



FULL ACQUISITION SOFTWARE INTEGRATION

The Intellect assists the operator by automatically positioning the system and synchronising the X-ray tube and detector movements. The user friendly software & digital detector integration, allows customization according to your specific needs. Streamline your workflow and increase throughput while providing patient comfort and operator convenience.



PIONEERS IN RADIOLOGY SINCE 1984

A NETWORK OF SERVICE + SUPPORT

Enjoy all the advantages of our successful service network. From the first shot to the last managed image, we work to continually improve your imaging performance and patient experience.

Summit Industries' successful service network surrounds you with a dynamic team of exceptional experts. Your organization and your patients will benefit from the experience and best practices that only Summit Industries and its authorized dealer network can offer.



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