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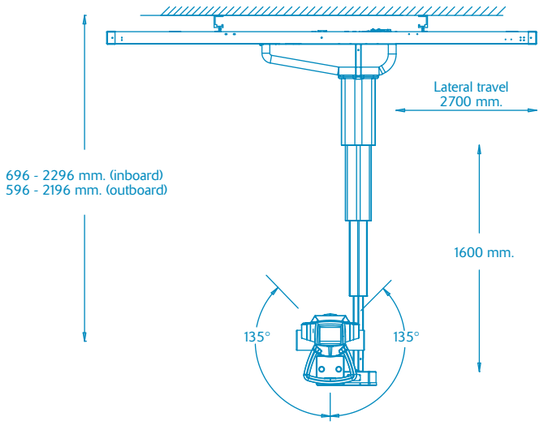

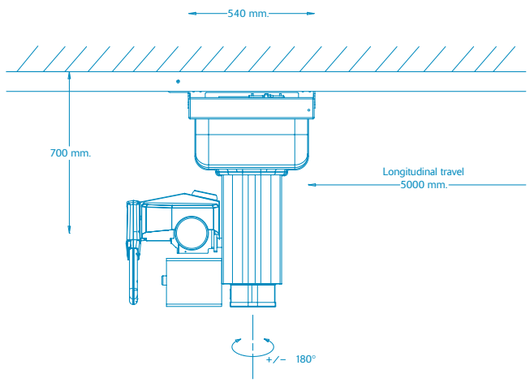

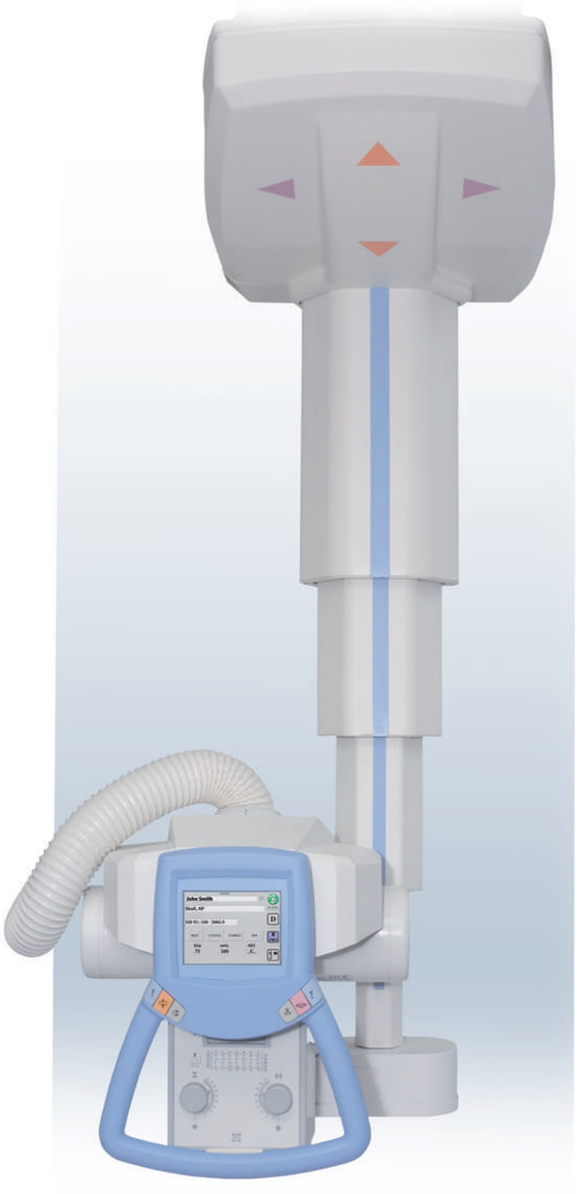

Power requirements:
Power Supply Voltage (phase/neutral) 110-240 Vac + 10% + Ground.
Line Input Frequency 50/60Hz.
Maximum power: 600VA.

Weight:
150 Kg (330 lbs) in the manual suspension and 160 Kg (352 lbs) in the motorized and automatic suspension).
In all models, the weight of the set tube-collimator are 40-60 Kg (88-132 lbs), depending on the tube-collimator in use.

Warranty:
The published company warranty in effect on the date of shipment shall apply. Right reserved to make changes.

Standards:
This equipment has been designed to comply with CE marking, CSA, and UL.

EN13485 ISO 9001 CE CSA

Data subject to change without notice.

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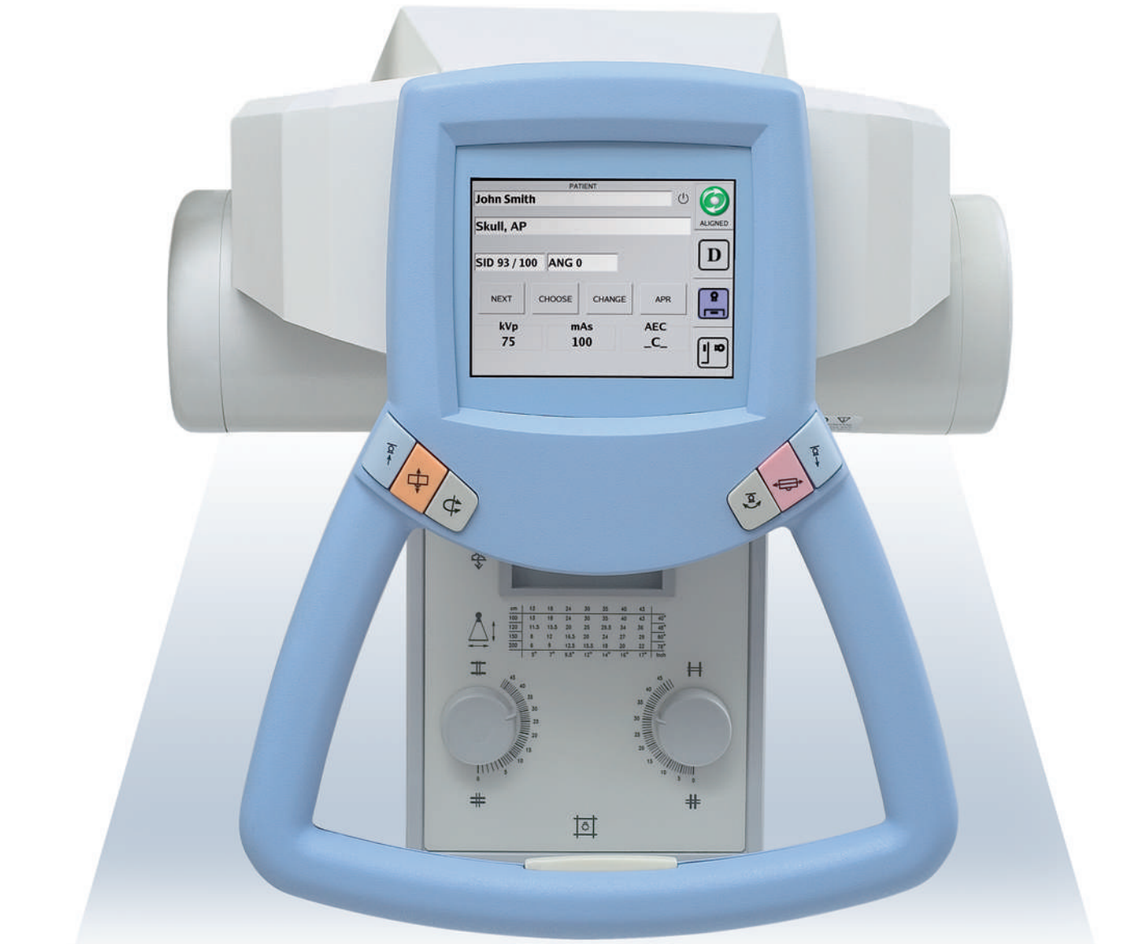
NOVA

X-Ray tube overhead support system



NOVA applications

The new NOVA is a heavy-duty X-Ray Tube Overhead Support System characterized by its simple and functional design. With its new light weight design, the NOVA guarantees highly precise positioning for an optimal radiographic result.

Thanks to its vertical and horizontal displacements, the NOVA can cover almost all the volume of the room in which it is installed.

The new NOVA support system can operate on an horizontal or vertical bucky, or be installed with an elevating table.

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NOVA

X-Ray tube overhead support system

NOVA specific features

- Sound and robust appearance.
- Light weight design.
- Positioning precision and speed. Servo positioning system. Fully electronic self positioning as an option.
- Light weight round telescopic column design with 4 independent parts guided by a high precision alignment mechanism for a smooth and quiet operation. This rigid and durable design, reduces instability and vibration to the minimum, to facilitate precision in positioning.
- Optimal mechanical balancing system for manual movements with almost no efforts.
- Optional automatic system with full servo electronics for balancing and positioning. Parking feature for user and patient convenience.
- Plug in and modular electrical assemblies to facilitate the installation, calibration and maintenance.
- X-Ray support with 360º vertical and horizontal rotation.
- Safety devices including negative locks on rotation and angulation movement axis.
- Ergonomic design. Ease of operation with all controls and switches grouped in an unique control unit.
- Electronic tomography option.

NOVA specifications

The NOVA consists of:

Ceiling rail system:
It is made up of aluminum fixed rails (assembled in the ceiling) and of a bridge that moves longitudinally along the rails.
Longitudinal rail lengths range from 3358 mm. (132.20″) to 6000 mm. (234.0″) in steps of 660.4 mm (26″).
Transversally, the rails are from 2000 mm. (78.0″) to 3450 mm. (135.82″) in steps of 0.25.
The bridge movement along the rails is controlled by an electric brake (coil and/or motor). In the absence of feeding voltage, the movement is free.
The maximum transversal travel is 2351.5 mm. (92.57″) and the maximum longitudinal travel is 4765 mm. (187.60″)

Telescopic column:
The telescopic column allows the tube vertical track (VERT).
Its movement is either motorized for standard suspensions or assisted motorized in automatic configurations.
The vertical travel is 1600 mm. (62.99″).
The minimum distance Focus-Ceiling is 726 mm. (28.58″) and the maximum distance is 2300 mm. (90.55″).

Control console:
The following movements are controlled from the control console: longitudinal, transversal and vertical movements, rotation movement of the tube support and its angulation movement.

Counterweight system:
Placed in the superior part of the tube support.
In case of cable failure, there is a double security system in order to avoid the tube from falling.

NOVA suspension models

The NOVA is available with the following suspension options:

Manual:
In this model, the angulation and rotation brakes, or locks, are electromagnetic, and remain ON even when the system is OFF. The electromagnetic longitudinal and transversal locks remain ON only when the system is ON.
The vertical axis operates with a motor that expands or contracts the telescopy and at the same time, carries out blocking functions.

Autotracking:
The same as the manual suspension but it also allows an automatic alignment of the tube with the elevating table or vertical bucky detector.

Automatic:
In this model, the suspension can be used either in automatic or manual mode.
In the automatic mode it has the following features:

- Autocenter with vertical bucky or table at a configurable SID.
- Dynamic auto tracking in all the degrees of freedom (DOF).
- Autoposition with vertical bucky or table, including oblique positions.
- Remote control from other device (ex. Generator)