

FULL ACQUISITION SOFTWARE INTEGRATION

SEDECAL has the capacity and expertise to set and integrate different software solutions into its digital x-ray systems. As a result, our OEM partners will be provided with a customized equipment made to achieve their objectives transmitting the values of their own companies. The systems assure a fully integration between the most reliable high frequency generator and a high technology in imaging solution.



Full automatic and smooth movements



SEDECAL

Calle Pelaya 13 - Pol. Ind. Río de Janeiro
28110 Algete (Madrid - SPAIN)
Central Offices:
Tel: (+34) 91 628 05 44
Fax: (+34) 902 190 385
Email: info@sedecal.com

SEDECAL USA Inc

3190 N Kennicott Ave,
Arlington Heights IL, 60004
USA
Tel: 1(847)394-6960
Fax: 1(847)394-6966
Email: sales@sedecalusa.com



YOUR OEM PARTNER



Advanced Full Automatic Ceiling Suspension can operate on a horizontal or vertical Bucky, or be installed with elevatin table.



YOUR OEM PARTNER

Grab and Go the smoothest movements experience



Challenge X - Advanced design

- Robust design: reduces instability and vibration to the minimum, facilitating precision in positioning.
- Capacitive handle: contains internal sensors that release movements when is touched by the operator smoothly.
- In the ceiling suspension, table and wallstand, the locks, angulations and rotation brakes are electromagnetic.
- Easy installation: tube and collimator mounted, internal wiring done. Half of installation time respect old models.
- Touch Screen 12": user-friendly and High Resolution with wide viewing angles. Big figures and drawings.
- Table design: smooth and elevating mechanism for patient comfort, loading capacity of 400Kg. max.

POWERFUL HF X-RAY GENERATOR

Max.
80kW

Challenge X 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) It will optimize image quality with patient dose reduction.

ZERO-EFFORT TECHNOLOGY



This technic shows how the tube handle will follow the operator's hand just feeling the touch, with no effort until the preset position. Wall stand and table movements are quick in all different directions and require almost zero-effort.

AUTO-POSITIONING MOVEMENTS



Ceiling Suspension Challenge X automatically moves to the detector's centre located in the table or the wall stand according to the SID and angulation of the tube. All the axis are motorized with more than 5m travels and 360° angles.

AUTO-TRACKING WALL STAND AND TABLE



When the Ceiling suspension is moved manually or moved with remote control up or down, detector positioner (table, wall stand) will follow it in parallel, until it is centred again with it. When the Ceiling suspension is angulated manually or angulated with remote control the detector's positioner (table, wall stand) will follow it, until it is centred again with it.