

Ceilstand CS3

X-ray Tube Ceiling Stand

New updated model

- ✓ New modern and elegant appearance
- ✓ A strong lightweight aluminium structure
- ✓ High-quality mechanisms and great reliability
- ✓ Telescope in aluminium with high rigidity also at maximum extension
- ✓ Running wheels with large diameter for silent and limited force movements
- ✓ New panel design with better grip for great manoeuvrability and easy positioning
- ✓ Push-button brake controls of large dimension, easy to find and set in ergonomically designed positions
- ✓ "Maintenance-free" permanent magnet safety brakes for all movements
- ✓ LCD display for visualisation of FFD and inclination angle
- ✓ Modular construction, easily adaptable To the dimensions of the installation room
- ✓ Superior maintenance aspect to simplify and speed up interventions and technical assistance
- ✓ A great variety of settings with motorized assistance, automatic positioning and stitching function



Features

Longitudinal rails	
• Length	440 cm
Transversal bridge	
• Rail length	300 cm
• Travel of transversal bridge on the longitudinal rails	360 cm
• Kind of movement / braking	manual / at permanent magnet
• Mechanical position detector of standard supply	1
Carriage	
• Carriage travel on transversal bridge	216 cm
• Kind of movement / braking	manual / at permanent magnet
Telescopic stand	
• Number of elements composing the telescope	4 in aluminium extruded profile
• Vertical travel	150 cm
• Kind of movement	manual
• Kind of balancing	by springs and counterweights
• Braking	at permanent magnet
• Average speed of vertical movement (option of motorized version)	7 cm/s
Tube arm support	
• Angle of rotation around the telescope vertical axis	+260° -80° or + 140° -200°
• Angular positions mechanically detected	every 90°
• Angle of rotation around the horizontal axis	+120° -210° or +210° -120°
• Angular positions mechanically detected	every 90°
• Braking of rotation movements	At permanent magnet
Front tube control box	
• Handle bar	With "all brakes" release push button
• Push buttons for brakes release	in ergonomic position
• Focus to film distance and incident values indicator	LCD 1x20 characters
Powering	
• Voltage / frequency	230Vac +/- 10% 50/60 Hz
• Max absorbed power	350 VA (lamp of diaphragm of 100 W included)
Colours	
• Painted parts	RAL 9002
• Adhesive membrane	grey
Weights	
• Rails and transversal bridge	175 kg
• Stand	140 kg
Equipment identification (according to EN 60 601)	
• Classification	class I type B
• Typology of installation	permanently connected
• Operation mode	continous with intermittent load
Standard compliance	
• Safety	EN 60 601
• Electromagnetic compatibility	EN 60 601-1-2
• Directive	93/42/EEC and subsequent amendments
Transport and stock environment	
• Temperature range	-10 °C ÷ 50 °C
• Relative humidity range (without condensation)	10 % ÷ 90 %
• Atmospheric pressure range	500 hPa ÷ 1100 hPa
Operative environment	
• Temperature range	10 °C ÷ 40 °C
• Relative humidity range	30 % ÷ 75 %
• Atmospheric pressure range	700 hPa ÷ 1100 hPa

Options and accessories on request

Push-button control box at opposite tube side	Longitudinal rails extension of 140, 280 or 420 cm
X-ray tube swan neck support	Transversal bridge extension up to 380 cm
Telescope vertical travel of 120 cm	X-ray housing plastic cover
Telescope vertical travel of 180 cm	
Addition of the vertical movement by motor	
Enslaved vertical movement to the vertical movement of a receptor (bucky, flat panel, CCD etc.)	
Enslaved vertical movement for the maintenance of a pre-set FFD with an horizontal receptor	
Manual or automatic collimation system	

Ceilstand CS3 – Plant View

