



MOBILRAD 4

Mobile X-ray Unit



MOBILRAD 4 is a mobile x-ray unit to be applied in Intensive care units, Ambulance, and Operation theatre and wards. Multiple projections, ease of handling and versatile applications are the main features of the unit.

- Telescopic movements of x-ray tube assembly
- Easy mechanical handling
- Compact design
- Powerful generator with 3,3 KW
- Shortest exposure time 3 msec

Technical data

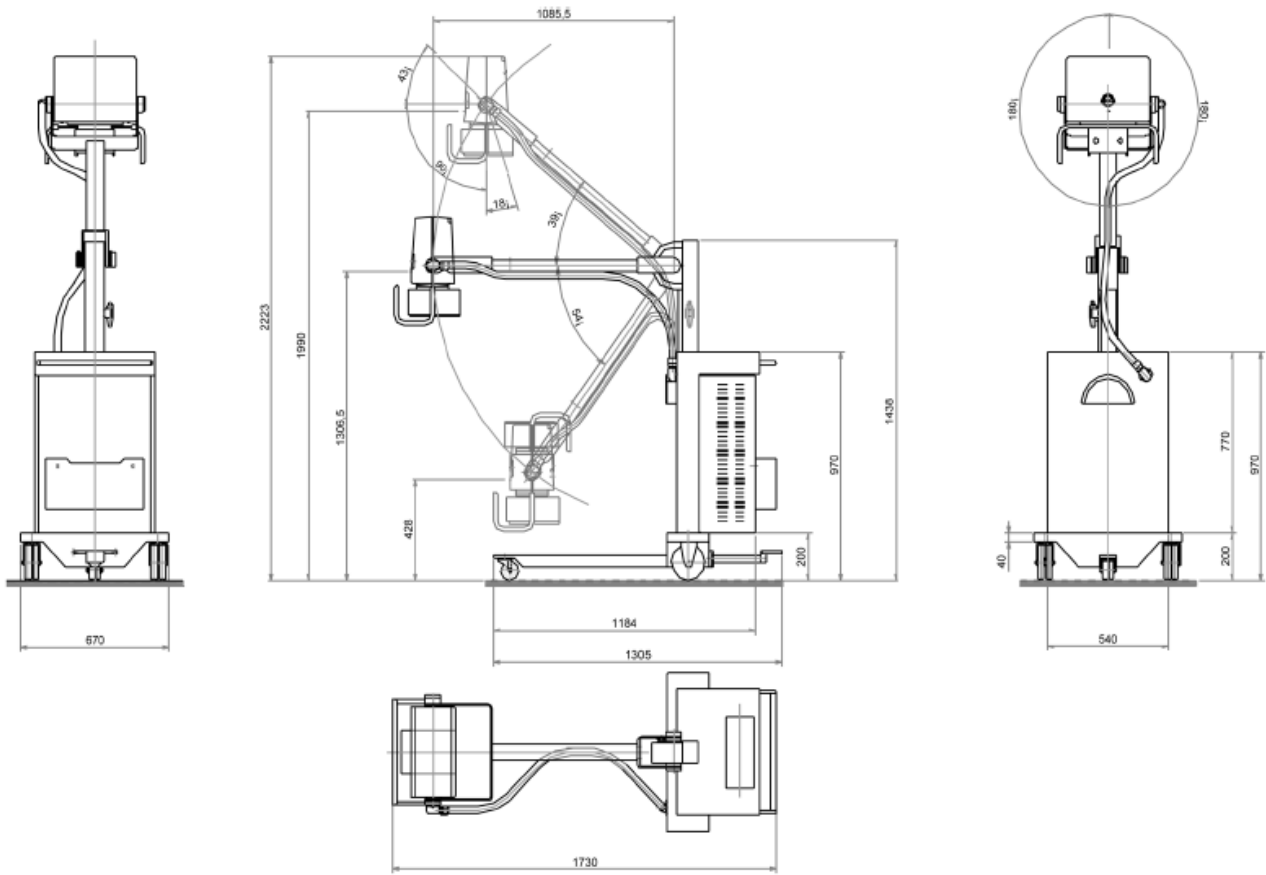
<i>X-ray Generator</i>	
Technology	Highfrequency Monobloc
Inverterfrequency	40 KHz
Output power	3,3 KW acc.EEC norm
Maximum Voltage	110KV
Maximum mAs	250 mAs at 40 KV,63 mAs at 110 KV
KV ripple	< 2%
Monobloc heat storage capacity	666 KHU

<i>X-ray tube assembly</i>	
x-ray tube	Stationary tube
Focal spot	1,5mm
Max. heat dissipation	265 W
Thermal capacity	40 KHU
Anode angle	16 degrees

<i>Collimator</i>	
Collimator	Manual Collimator; 43x43cm exposed area at 1m FFD
Light	Halogen; temporized at 30 seconds
Retractable measuring tape	Precise FFD measurement
Collimator rotation	+ - 115 Grad

Operating console	
Panel	Microprocessor controlled with large 4 line LCD display with 20 alpha numeric characters at each line User friendly interface
Operating modes	2 point technique KV-mAs selection 1 point technique; 40-110 KV in 1 KV steps selectable mAs adjustments from 0,2 bis 250 mAs in 25% increments Exposure time: 0,003-2,2 sec. depending on mAs selection
Exposure release	Handswitch with 2 stages and retractable cable
X-ray tube protection	Automatical control and protection of the filament Protection against over-voltage and current Monobloc temperature protection
Overload protection	Alarm display
Option	
Area Dose product measurement	Integrated in collimator and displayed on operating panel
Mechanical data	
Front wheel	Antistatic rubber wheel
Focus-Floor Distance	428mm-1990 mm
Tube rotation X-axis	+/-188 degrees
Tube rotation Z-axis	151 degrees(+133/-18)
Cassette compartment	Format up to 35x43 cm
Maximum length	1305 mm
Max. width in parking pos.	670 mm
Max.height in parking position	1438 mm
Weight	185 Kg
Power line	
Line voltage	115/230 V+-10%,50/60Hz Standard plug

Measures and dimensions:



CE 0473

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