

## Why use Customer Care Centre?

- Round-the-clock call registration and handling through Toll Free Helpline 1800 4197 477
- Immediate response and Call closing through phone support, wherever possible
- Check on the complaint status on a Real-time-basis
- Reduced down time of the equipment
- Flexibility to choose from a range of modular service agreements (or contracts).

Customer complaint made to our Toll Free Helpline 1800419 7477 is registered at our Call Centre with relevant details and then transferred to the concerned product expert at our customer care centre or to our CSE (Customer Support Engineer) depending on the model of the product. They will explore the possibility of closing the complaint through 'phone support'. If it requires the visit of CSE to the customer site, the same is arranged. The CSE will attend to the complaint and close it to the satisfaction of the customer.

If a part is required to be replaced, the concerned CSE will order the same with the help of Siemens' Service Logistics team; and replace the same timely, test the system and hand over the machine back to the customer.

For the application support of a newly installed system / subsequent application support, same process as above is followed.

You can call our Toll Free Helpline  
**1800 4197 477 or 080 - 66201510**

## Know more about Goa Works



Siemens Goa Works combines the technical competencies and standard manufacturing processes with the mission to deliver high quality products to our customers. A wide range of affordable mobile and fixed X-ray systems are developed here.

Goa Works is certified with EN/ISO 13485:2003 International Quality Management System certification, certification from Atomic Energy Regulatory Board (AERB) and many others.



The factory is also certified by the Bureau of Indian Standards for IS:7620 (Part 1). The radiation safety of products manufactured in Goa is certified by the Atomic Energy Regulatory Board (AERB), Govt. of India.

## Your Local Partners

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**SIEMENS**



Ergonomic design packed  
with powerful performance

MULTIMOBIL 5C

[siemens.co.in/healthcare](http://siemens.co.in/healthcare)

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HC-CP-XP-023  
(This replaces HC-CP-AXD-010)  
Prudent 082015\_1000

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[www.siemens.co.in/healthcare](http://www.siemens.co.in/healthcare)

## MULTIMOBIL 5C

# Mobile C-arm image intensifier system with high frequency technology

Siemens has led the way in development of X-ray generators and mobile C-arms. Today MULTIMOBIL 5C takes that leadership to a new level in economy and performance with a wide range of applications, excellent image quality, low-dose operations, superb maneuverability and ease of use.

The mobile C-arm MULTIMOBIL 5C with its high-resolution image intensifier system, its single-tank high-frequency X-ray generator and digital control unit with image storage technique provides the optimum solution for today's clinical requirements.

MULTIMOBIL 5C is a mobile X-ray image intensifier system with multipurpose features. Its ergonomic design is ideally suited for the usage in the OR, radiological departments, emergency rooms, ICUs and the latest interventional techniques.

Due to its high physical adaptability and precise positioning, the counterbalanced C-arm with steering wheel mechanism provides superior maneuverability and maximised user comfort. The automatic dose regulation constantly adapts the X-ray radiation to the thickness and density of the irradiated body part.

The digital image memory provides storage for four fluoroscopy images. This simplifies the workflow while reducing radiation dose and total fluoroscopy time.

With export interface, MULTIMOBIL 5C supports the image transfer to an external frame grabber solution. All components such as image intensifier, generator, tube and digital memory are ideally matched for delivering consistent image quality.

### Special Features:

- Efficiency through high frequency technology
- Ultra compact image intensifier with CCD camera
- Excellent spatial resolution with 0.5 and 1.5 focal spots
- High-brightness TFT displays
- Four image storage, LIH (Last Image Hold) and two monitors
- Image rotation for visualisation of images irrespective of organ position
- Thermal protection

MULTIMOBIL 5C – designed for multipurpose use in different applications such as orthopedics, traumatology, urology and cardiology.



## Technical data

C-arm	
Orbital movement	125° (-35° to +90°)
Angulation	±190°
Horizontal movement	20 cm (7.9")
Swivel range	±12.5°
Vertical Travel	40 cm (15.7")
Source – I.I. distance	86 cm (33.8")
Immersion depth	63.5 cm (25")
Lateral movement	steering wheel

X-ray generator	
Type	2.5 kW/190-240 V
Radiographic parameters	
kV range	40 kV to 100 kV in 20 steps
mAs	0.32 mAs to 200 mAs in 29 steps
mA	13 mA to 63 mA/190-240 V
Time	20 ms to 5 s/230 V
Fluoroscopic parameters	
Fluoroscopy voltage	40 kV to 110 kV
mA range	anti-isowatt 0.5 mA to 5 mA contrast 0.5 mA to 7 mA
Fluoroscopy	ADR (Automatic Dose Regulation) and manual mode

X-ray tube unit	
Type	stationary anode dual focus
Focal spot sizes, minimal value	0.5/1.5
Selection	automatic selection of focal spot for fluoroscopy and radiography
Thermal protection	auto cut-off of fluoroscopy and radiography in case of tube head temperature exceeding 60 °C +3 °C
Collimator system	motorized iris collimator for concentric collimation

X-ray image intensifier	
Nominal diameter	23 cm (9")
Field size	dual field 23 cm (9")/15 cm (6") selectable from the control panel circular grid placed at the input of the I.I.
Grid	Pb 8:1; 40 lp/cm, f <sub>0</sub> 90

Cassette holder (Optional)	
Format	auto centering 10" x 12" format

TV system	
Type	CCD camera with high sensitivity and resolution
TV standard	CCIR 625 lines at 50 Hz
Matrix size of CCD camera	752 (H) x 582 (V) for 50 Hz effective pixel
Image rotation	endless clockwise and anti clockwise
Image reversal	left/right and top/bottom
Display	2 x 17" black and white TFT displays for live image and Last Image Hold (LIH) high brightness, high resolution with independent brightness and contrast control
Digital image storage capacity	standard four frame image memory in addition to LIH

Power Supply	
Power requirement	maximum 3.5 kVA
Main voltage	single phase 190V - 240V AC ± 10%, 50 Hz and 60 Hz at line resistance of 1 ohm.

Accessories	
Cloth cover and clips	for C-arm, X-ray tube and I.I.
Cassette holder	optional
Interface to external recording device	standard
Thermal printer	optional

Environment conditions (operating)	
Temperature range	+10°C to +40°C
Relative humidity	30% to 75%
Barometric pressure	700hPa to 1060hPa

