

## SPECIFICATIONS

### MOTORIZED SWIVEL ARM

<b>Dual-speed</b> motorized movement for:	1) SID adjustment 2) arm elevating movement 3) rotation of the arm
Source-to-image distance (SID)	100-180 cm (40"- 72") continuously adjustable (dual-speed motorized movement)
Vertical travel	1.215 mm (48")
Rotation angle	150° (90° +/- 30°)

### IMAGE DETECTOR CABINET

Detector cabinet with integrated Control Panel	- image digital detector: maximum size: 43cm x 43cm (17" x 17") - range of tilt: +/- 45°
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Grid type	High density, stationary, removable, 78 lines/cm, Ratio 10:1 / f=135 cm
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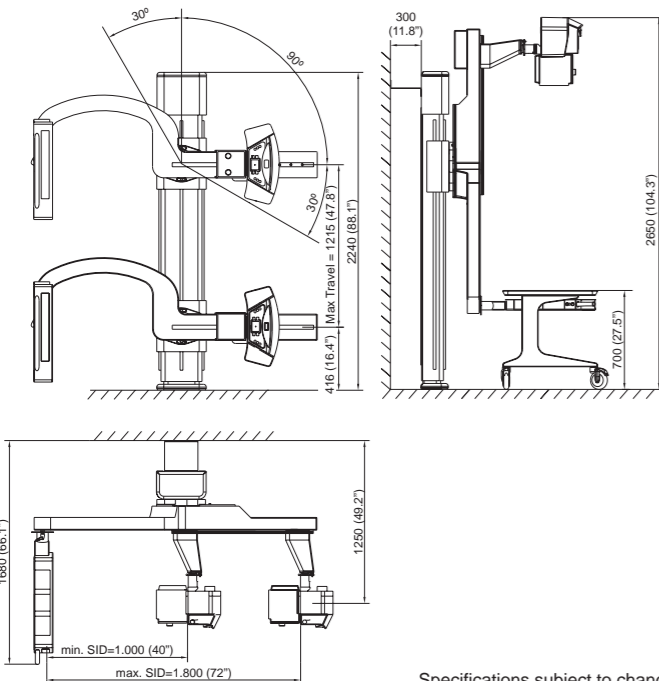
### MOBILE PATIENT TABLE

Table-top composition	Laminated structure
Patient capacity	200 kg (441 lb)
Dimensions (L x W x H)	2,000 mm x 650 mm x 700 mm (78.7" x 25.6" x 27.6")

### OPTIONS

Mobile table	Carbon fiber table top - Patient capacity: 200 kg (441 lb)
Collimator	Automatic collimator
Unit fixation system	Floor to ceiling mounting support
Image Detector Cabinet	Motorized rotation movement

### DIMENSIONS



Specifications subject to change without prior notice

### MAIN COLUMN

Floor to wall mounted support  
Dual-speed motorized swivel arm  
Vertical movement for effortless and accurate setting

### X- RAY GENERATOR

Compact X-ray generator (up to 80 kW output power) available in three power versions: line powered / battery powered / capacitor assisted

### COLLIMATOR

- Manual type collimator  
- **Linear laser beam** for patient positioning in combination with light field indicator  
- Rails for accessories  
- Measuring tape

### WEIGHTS

- SmartRAD OmniX net weight: 324 kg (714.3 lb)  
- (mobile table and digital image detector are not included)  
- Mobile table net weight:  
a) standard table: 46 kg (101.4 lb)  
b) carbon fiber table: 30 kg (66.1 lb)

### POWER LINE REQUIREMENTS

Line Voltage: 208; 230; 240 VAC (single phase)  
Power consumption: 1,5 kVA



Carbon Fiber Table Top  
(Optional Mobile Table)



Stratified Laminated Table  
Top (Standard Mobile Table)

# SmartRAD OmniX™

## THE OPTIMIZED SOLUTION FOR DIGITAL RADIOGRAPHY



**Corporate Headquarters**  
CMT Medical Technologies, Ltd.  
Hacarmel Street, Building 7/2  
P.O.B. 111  
Yotqneam Ilit 20692, ISRAEL  
Tel: +972-4-8566220  
Fax: +972-4-9590888  
E-mail: sales@cmt.co.il  
[www.cmt-med.com](http://www.cmt-med.com)

**USA Office**  
CMT Medical Technologies, Inc.  
20 East Sunrise Highway, Suite 303  
Valley Stream, NY 11581  
Toll Free: 1-888-CMT-SPOT  
Tel: 516-825-5500  
Fax: 516-825-5526  
E-mail: sales@cmt-med.com



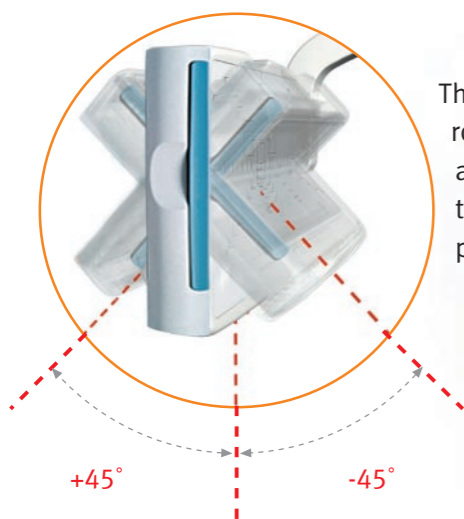
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**CMT**  
IMAGING THE FUTURE

**SmartRAD OmniX** has been designed as a world-class direct digital imaging system for use in hospital emergency departments, traumatology and all general radiology applications.

The U-Arm design maintains constant alignment between the x-ray tube and image receptor, regardless of U-arm tilt positions or image receptor angle. Its extraordinary geometric flexibility makes the system ideal for all radiographic examinations including standing, sitting or lying position.

All system movements are motorized.

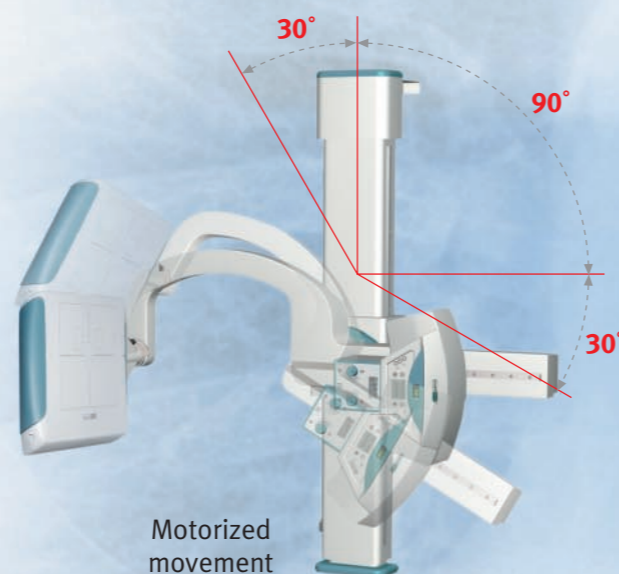


The image receptor rotates within a range of +/- 45° to provide flexible patient positioning

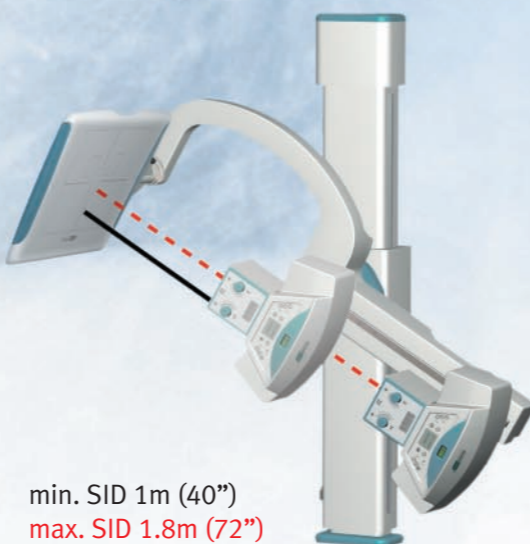
### 100-180 cm (40"-72") VARIABLE SOURCE-TO-IMAGE DISTANCE

The SmartRAD OmniX provides a variable source to image distance (SID) of 100 to 180 cm (40"-72") to accommodate a range of radiographic studies.

The x-ray tube assembly can be easily moved from 100 to 180 cm (40"- 72") at any U-arm angle position, by using the operator hand control.



Motorized movement



min. SID 1m (40")  
max. SID 1.8m (72")

### POSITIONING FLEXIBILITY AND EASE OF USE FOR ALL PROCEDURES

The system's operator-friendly controls dual speed motorized movements, and the intelligent anti-collision system makes the patient positioning quick, easy and safe.

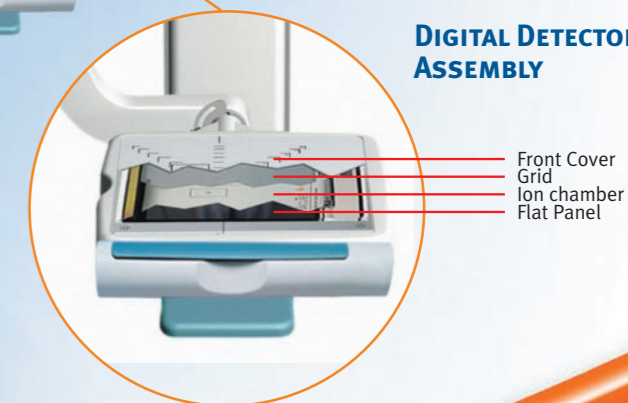
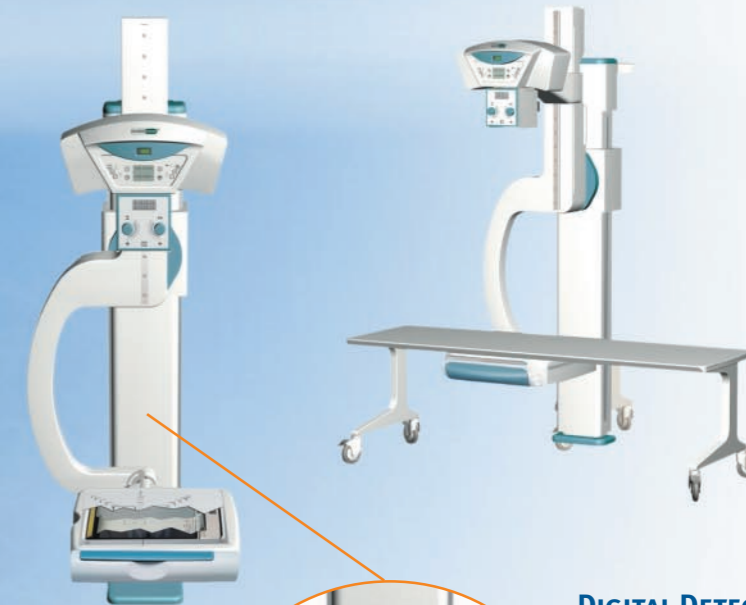
User-friendly console and constant alignment of x-ray table and digital image receptor guarantee efficient and confidence diagnosis.

The SmartRAD OmniX U-Arm design accommodates cross-table for easy patient positioning.

With the patient table, the patient can be moved into any required position without the need for repositioning.

### ADVANTAGES OF DIGITAL RADIOGRAPHY

- **Outstanding image quality**, consistent, excellent image quality with greater visualization of soft tissue and bones from the same study exposure (wide dynamic range).
- **Dose reduction**, up to 30-50% lower dose in most examinations.
- **High-throughput performance** and easy workflow, up to threefold efficiency.
- **Image display** within 3 seconds from exposure.
- **Integrated solution** of the generator console and the workstation in a single unit, improving productivity and reducing operator error.
- **DuraRAD-QSL** detector enclosure, enhance image quality, increase system stability and increase panel longevity.
- SmartRAD OmniX is equipped with the **Pixium 4600** digital x-ray detector, utilizing up to 43 x 43 cm (17" x 17") matrix size, 143 μm, 14 bit dynamic range pixel size and very high DQE to ensure excellent image quality.



DIGITAL DETECTOR ASSEMBLY

Front Cover  
Grid  
Ion chamber  
Flat Panel