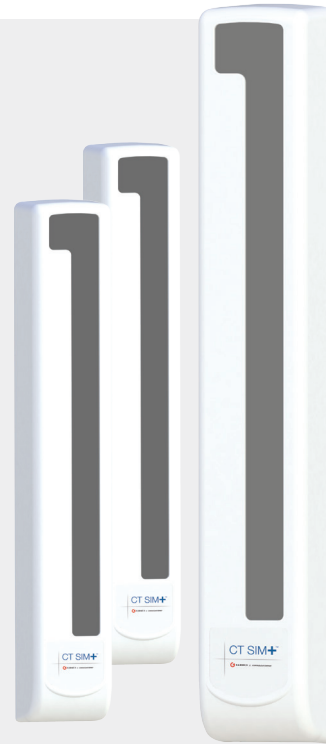


# CT SIM+™ Moveable Lasers for CT

Make the intelligent choice for your patient marking workflow.

- Next-generation design from the laser alignment leader
- Easy to configure, install, use and maintain



## Introducing RapidSIM™

The RapidSIM interface makes the CT Simulation process easier than ever and includes our Complete Connectivity Suite of time-saving tools.



## Complete Connectivity Suite

### Touchscreen Control Monitor

- Controls all aspects of the patient marking workflow
- Automated one touch patient setup
- No need for space-consuming keyboard or mouse controls
- Choose from bright or dark display options to reduce eye strain and effect of bright light sources in the imaging room

### Handheld Wireless Pendant

- Complete control from the palm of your hand
- Wireless functionality for freedom and workflow efficiency

### DICOM and Text File Support

- Complies with DICOM radiation oncology standards
- Supports text file formats
- Supports all major CT Simulation packages and Treatment Planning Systems



Designed with versatility and modern workflows in mind, the new CT SIM+™ with RapidSIM interface is the next generation in movable lasers and multiple isocenter marking. RapidSIM includes our Complete Connectivity Suite to empower your workflow and is included standard with every system. You can also select from blue, green or red laser colors with no additional charge.

## Highlights

- The Complete Connectivity Suite includes
  - Handheld Wireless Pendant for in room control
  - Touchscreen Control Monitor for convenient patient workflow
  - DICOM interconnectivity
  - Text file interconnectivity
- Sub-millimeter accuracy with zero drift
- Blue, Red or Green light available
- Multiple Installation Configurations
  - Wall / Ceiling
  - Stanchion
  - Floor Mount Post

## Specifications

### Laser Output

Power (mW): <1.0

Range (m): Up to 6

Line Width: ≤1 mm @ 4 meters

Line Length: ≥2 meter @ 4 meters

Drift: No measurable drift

Wavelength Red (nm): 635

Wavelength Green (nm): 515

Wavelength Blue (nm): 450

### Laser Beam Adjustment

Length of travel: 70 cm

Accuracy of travel: ±0.5 mm at 3.0 m

Positioning accuracy: ±0.5 mm at 3.0 m

## Configurations

- All functions of the CT SIM+ Movable Laser system can be controlled by the master controller in the control room or from the wireless pendant at the scanner.
- RapidSIM reads laser coordinates from treatment planning systems or other CT Simulation packages for easy and accurate identification of the patient marking locations.

### 3-Arm Systems

Any coordinate can be achieved using the CT SIM+ Movable Lasers and the CT couch Y-axis adjustment.

### 5-Arm Systems

Any coordinate can be achieved without the need to manually change the Y-axis of the couch.

### Total System Solution – no options to purchase

Feature	Included
Touchscreen Control Monitor	✓
Wireless Handheld Pendant	✓
DICOM Connectivity	✓
Multiple display options to reduce eye strain	✓
No additional cost for color upgrades	✓

### Laser Dimensions

Length (cm): 112

Width (cm): 21

Depth (cm): 9

Stanchion Width (m): Customizable to 5.4

### Power Requirements

Voltage: 110/240 VAC (auto-select)

### Connectivity

Wifi 802.11 b/g/n

### Certifications

Complies with Center for Devices and Radiological Health regulations for Class II lasers and all CE requirements. (21 CFR 1040) (IEC 60825-1) (MDD 93/42/EEC)