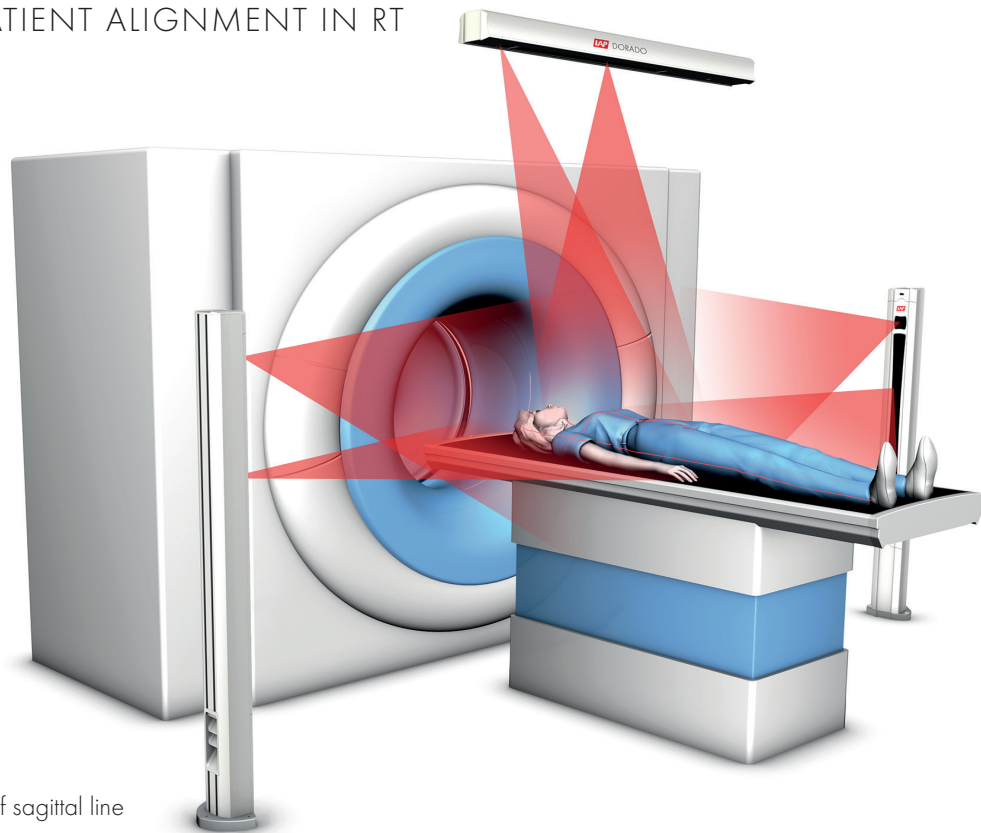


## MOVING LASER SYSTEM FOR PATIENT ALIGNMENT IN RT

### DESCRIPTION

Precise patient marking, accurate planning and exact positioning are key factors for a successful treatment. Patient marking takes place during CT simulation (virtual simulation) and is required for reproducible treatment positioning on the LINAC.

DORADO 3 laser system consists of one ceiling and two wall/post rails with fixed and movable red laser modules to mark the patient in all three body planes



### SCOPE OF DELIVERY

- 1 ceiling rail with one movable laser for display of sagittal line and one fixed laser for display of transverse line
- 2 wall/post rails, each with one movable laser to display the coronal lines and one fixed laser for display of transverse lines
- Cable set consists of power cords and data cable
- Wilke Phantom for quality assurance

### MOUNTING VERSIONS

You are free to select from five mounting versions to perfectly match your existing room situation.



wall-ceiling-wall



post-ceiling-post



wall-ceiling-post



post-ceiling-wall



bridge

### OPTIONS (SUBJECT TO COSTS)

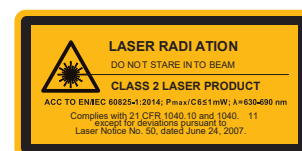
- Support system for false ceilings
- Support system for floor mounted units
- Bridge design

### NOTES

- 12 months standard warranty
- Installation not included

## TECHNICAL DATA

SYSTEM	
Dimensions	wall/ceiling(W × H × D) 1553 × 143 × 109.5 mm (61.1" × 5.6" × 4.3") post (W × H × D) 1707.5 × 225 × 164 mm (67.2" × 8.9" × 6.5") bridge (customized, W x H) 2594-5000 mm x 2300-2800 mm (102.1"-197" x 90.6"-110.2")
Weight	wall/ceiling 23 kg post 24 kg bridge approx. 100 kg
International Protection Rating	IP20
Operating temperature	15 ... 30°C
Ambient conditions	35 ... 80 % rel. humidity, non-condensing
Travel range	700 mm
Travel speed	up to 200 mm/s
Positioning accuracy	± 0.1 mm
Projection precision	± 0.5 mm up to 4 m distance
LASER	
Laser colour (typical wave length)	red (638 nm)
Laser class	2
Focusable range	1 ... 4 m
Line length at 3 m distance	> 3 m
Line width up to 4 m distance	< 1 mm
Max. laser output power	< 1 mW
POWER SUPPLY	
External power supply	100 ... 240 V AC, 50 ... 60 Hz
Internal voltage	24 V DC



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