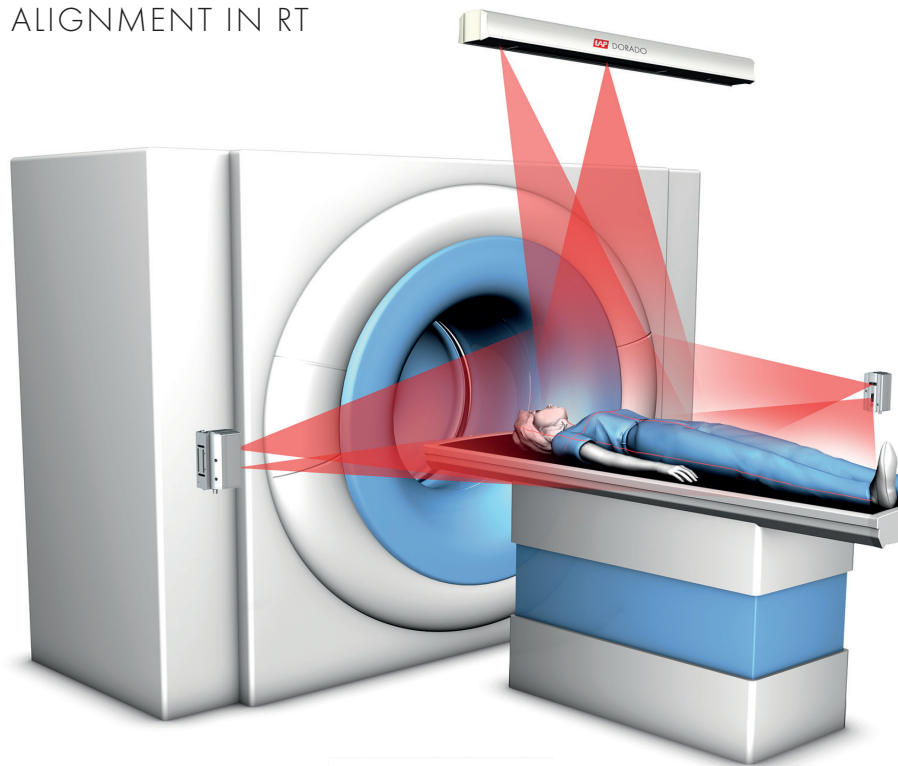


MOVING LASER SYSTEM FOR PATIENT ALIGNMENT IN RT

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 1 laser system consists of one ceiling rail with a fixed and a movable laser module and two ASTOR crosshair laser for projecting red lines 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 ASTOR crosshair laser to display transverse and coronal lines
- Cable set consists of power cords and data cable
- Wilke Phantom for quality assurance



Optional: post mount

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)

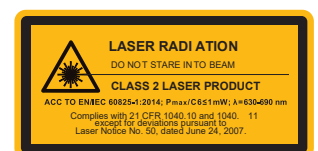
- Support system for false ceilings
- Support system for floor mounted units
- Bridge design

NOTES

- 12 months standard warranty
- Installation not included

TECHNICAL DATA

SYSTEM		
Dimensions	wall (W x H x D)	86 x 182 x 90 mm (3.4" x 7.2" x 3.5")
	ceiling (W x H x D)	1553 x 143 x 109.5 mm (61.1" x 5.6" x 4.3")
	post (W x H x D)	225 x 1012-1512 mm x 167 (8.9" x 39.8"-59.5" x 6.6")
	bridge (customized, W x H)	2594-5000 mm x 2300-2800 mm (102.1"-197" x 90.6"-110.2")
Weight	wall	1.4 kg
	ceiling	23 kg
	post	11 kg
	bridge	approx. 100 kg
International Protection Rating		IP20
Operating temperature		15 ... 30°C
Ambient conditions		35 ... 80 % rel. humidity, non-condensing
Travel range (ceiling)		600 mm
Travel speed (ceiling)		up to 200 mm/s
Positioning accuracy (ceiling)		± 0.1 mm
Projection precision (ceiling)		± 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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