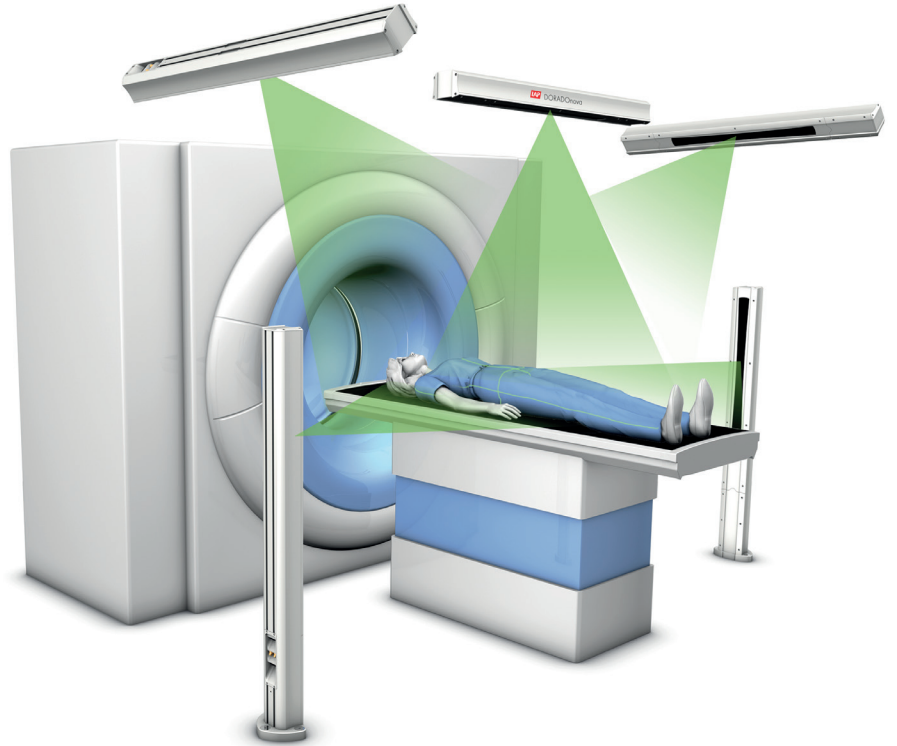


MOVING LASER SYSTEM FOR PATIENT ALIGNMENT IN RT

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.

DORADOnova 5 laser system consists of five rails with movable laser modules for projecting red, green or blue lines to mark the patient in all three body planes



SCOPE OF DELIVERY

- 1 rail with one movable laser for display of sagittal line, mountable at ceiling or wall
- 2 rails, each with one movable laser to display the transverse line, mountable at ceiling or wall
- 2 rails, each with one movable laser to display the coronal lines, mountable at wall or floor
- Remote control for laser adjustment
- Cable set consists of power cords and data cable
- Wilke Phantom for quality assurance



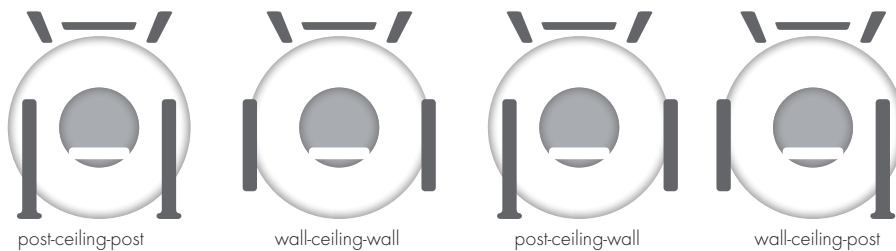
Laser Adjustment

All 6 degrees of freedom can be adjusted via remote control

- Shift, tilt, rotation
- Focus

MOUNTING VERSIONS

You are free to select from four mounting versions to perfectly match your existing room situation. Each device has a flexible installation range according to the specifications and projection plane.



OPTIONS (SUBJECT TO COSTS)

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

NOTES

- 12 months standard warranty
- Installation not included

TECHNICAL DATA

SYSTEM	
Dimensions of	ceiling or wall rail (W × H × D) 1411 × 220 × 150 mm (55.5" × 8.7" × 5.9") floor rail (W × H × D) 1541 × 225 × 164 mm (60.7" × 8.9" × 6.5")
Weight	wall, ceiling post 22 kg post 20 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), green (520 nm), blue (450 nm)
Laser class	2
Focusable range	1 ... 4 m
Line length at 3 m distance	> 3 m
Line width up to 4 m distance	< 0.5 mm (blue), < 1 mm (red, green)
Max. laser output power	< 1 mW
POWER SUPPLY	
External power supply	100 ... 240 V AC, 50 ... 60 Hz
Internal voltage	24 V DC
REMOTE CONTROL	
Dimensions (H × W × D)	163 × 63 × 21 mm (6.4" × 2.5" × 0.8")
Weight	130 g
International Protection Rating	IP40
Power supply	6 V DC (4 batteries type AAA/LG 03/Micro, 1.5 V)



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