



## Data Sheet

# APOLLO

## Remotely adjustable fixed laser system for patient positioning at LINAC

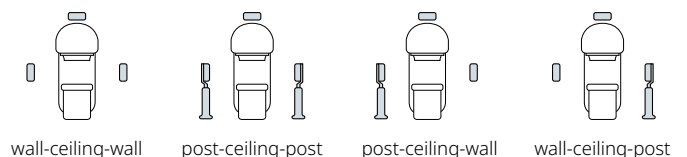
### Features

- Precise laser line due to a max. width of 0.5 mm, a line straightness of  $\pm 0.1$  mm and distortion-free glass with anti-reflective coating.
- Stable thanks to a high-quality aluminum housing which reliably protects the fine mechanics and optical components inside from vibration, damage and radiation exposure.
- Flexible for your room situation: Install your lasers safely, practically and aesthetically with the optional accessories.
- Comfortable laser adjustment via remote control: All lasers can be easily selected and adjusted in all degrees of freedom.

### Configurations

- Color (each laser): red, green or blue
- Line shape (each laser): line, tilted line 90° or crosshair
- Preconfigured sets with 3 or 4 lasers available

### Mounting options



## Laser

<b>Dimensions (L × W × H)</b>	110 × 100 × 221 mm 4.3 × 3.9 × 8.7 "
<b>Weight</b>	2.6 kg
<b>Power supply</b>	100–240 V AC, 50–60 Hz
<b>Power supply (internal)</b>	24 V DC
<b>Laser color</b>	red (638 nm), green (520 nm), blue (450 nm)
<b>Focusable range</b>	1–4 m
<b>Line length at 3 m distance</b>	>3 m
<b>Line width up to 4 m distance</b>	<0.5 mm (blue), <1 mm (red, green)
<b>Swivel angle</b>	45°
<b>Ambient conditions</b>	35–80 % rel. humidity, non-condensing
<b>Operating temperature</b>	15–30 °C
<b>International protection rating</b>	IP 20
<b>Approved</b>	A CE conformity assessment according to the European Medical Device Regulation MDR – EU 745/2017 was carried out successfully. The device is listed in the FDA Medical Devices Database and legally marketed in the USA.
<b>Laser class</b>	2
<b>Laser power</b>	<1 mW

## Remote control

<b>Dimensions (L × W × H)</b>	163 × 63 × 21 mm 6.4 × 2.5 × 0.8 "
<b>Weight</b>	130 g
<b>Power supply</b>	6 V DC (2 batteries type AAA/ LR 03/Micro, 1.5 V)
<b>International protection rating</b>	IP 40

## Scope of delivery

Laser system as configured, adjustable tilting brackets, plug-in power supply, 12 months standard warranty, installation and commissioning not included

## Accessories

Optional accessories available, please refer to accessory overview:



LAP GmbH Laser Applikationen  
Zeppelinstr. 23  
21337 Lüneburg  
Germany

P +49 4131 95 11-95  
E info@lap-laser.com

