



Data Sheet

APOLLO MR3T

Remotely adjustable fixed laser system for patient positioning in an MRI environment up to 3 Tesla

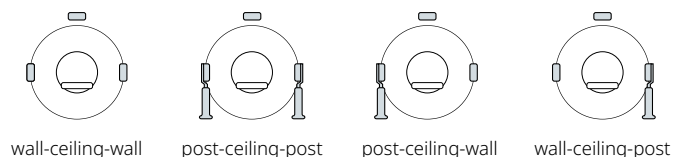
Features

- Precise laser line with a width of <math><0.7\text{ mm}</math>, a line straightness of $\pm 0.1\text{ mm}</math> and distortion-free glass with anti-reflective coating.$
- The components are MR conditional up to 3 Tesla and can be used without impact on the imaging. Hence, they are perfectly suitable for your magnetic environment.
- 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 easily be selected and adjusted in focus, rotation, tilt or shift.

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

Dimensions (L × W × H)	237 × 110 × 105 mm 9.3 × 4.3 × 4.1 "
Weight	2.6 kg
Power supply	100–240 V AC, 50–60 Hz
Power supply (internal)	24 V DC
Laser color	red (638 nm), green (520 nm), blue (450 nm)
Focusable range	1–4 m
Line length at 3 m distance	>3 m
Line width up to 4 m distance	<0.7 mm (blue, green), <1 mm (red)
Swivel angle	45°
Ambient conditions	35–80 % rel. humidity, non-condensing
Operating temperature	15–30 °C
International protection rating	IP 20
Approved	A CE conformity assessment according to the European Medical Device Regulation MDR – (EU) 2017/745 was carried out successfully. The device is cleared in the USA under 510(k) K173926.
Laser class	2
Laser power	<1 mW

Remote control

Dimensions (L × W × H)	181 × 49 × 21 mm 7.1 × 1.9 × 0.8 "
Weight	130 g
Power supply	6 V DC (2 batteries type AAA/ LR 03/Micro, 1.5 V)
International protection rating	IP 40

Scope of delivery

- Laser system as configured
- Adjustable tilting brackets
- Plug-in power supply
- Remote control for laser adjustment
- Consulting and planning of the room
- 12 months standard warranty

Accessories

Optional accessories available, please refer to accessory overview:



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