



EXACT-ALIGN HeNe Lasers

GAMMEX 1A475 CROSSHAIR AND 1A618 SAGITTAL RED

GAMMEX 1A480 CROSSHAIR AND 1A619 SAGITTAL GREEN

The Gammex Exact-Align Helium Neon (HeNe) turret lasers are the standard for patient positioning. The turret design allows for a line angulation capability of $\pm 45^\circ$ which means that the lasers can be mounted at an angle to the patient couch if necessary without requiring angle brackets. This direct wall mounting provides for greater stability of the laser. Optical adjustments are easily accessible.

The red turret style lasers project at 628.8 nm wavelength which is highly visible in normal lighting

conditions. The green turret style lasers project at 543.5 nm wavelength which is visible on any skin tone. The high quality fine line of the green lasers also proves useful in situations such as stereotactic radiosurgery where precision positioning is critical. The green light is “absorbed” into the skin which minimizes the “spattering” effect thereby maintaining the thinnest line available.

continued





continued from front...

SPECIFICATIONS

Laser Beam Output

Power <0.2 mW (each beam, green only);
<1.0 mW (each beam, red only)

Spot Size 1.2 mm (0.05 in) diameter
@ 3.05 m (10 ft)

Range Up to 9.10 m (30 ft)

Line Width <1.0 mm (0.04 in) @ 3.05 m (10 ft)

Drift 0.25 mm (0.01 in) @ 3.05 m (10 ft)
maximum

Wave Length. 543.5 nm visible green
628.8 nm visible red

Visibility Clearly visible in strong
ambient light

Laser Beam Adjustment

Horizontal Range of Vertical Projection

Spot or Line 330.2 cm (± 130 in) @ 3.05 m (10 ft)

Vertical Range of Horizontal Projection

Spot or Line +102.0 cm -305.0 cm
(+40 in -120 in) @ 3.05 m (10 ft)

Line angle
adjustment

range ± 180 degrees

Mounting Turret adjustable to $\pm 45^\circ$ walls

Laser

Length 43.0 cm (16.9 in)

Width 13.7 cm (5.4 in)

Depth 7.9 cm (3.12 in)

Weight. 4.5 kg (10 lbs)

Power

Requirements 115 or 230 VAC, 50/60 Hz, 25 W

Certification

Complies with Center for Devices and Radiological
Health regulations for Class II Lasers.

Warranty

Lasers carry a one year warranty.

Extended warranty available.