



## ProbeG Diode Lasers

**GAMMEX GLD 300 SAGITTAL**

**GAMMEX GLD 500 CROSSHAIR**

The Gammex ProbeG green diode laser is designed to ensure precise patient positioning during CT simulation and radiation therapy. The ProbeG provides enhanced contrast on various skin tones.

Projected green light is "absorbed" thereby minimizing line diffusion which, in turn, creates crisper lines. ProbeG lasers have less than 0.8 mm line width projected at a distance of three meters. This high quality fine line allows precision positioning in all situations.

The ProbeG laser's unique mechanical design makes it easy to use and maintain. Most fine laser controls are

performed by simply raising the hinged cover and making the desired adjustment. No laser line drift is visible after initial adjustment.

The laser is shielded to reduce radiation exposure to the diode and incorporates novel power stabilizing circuitry to extend diode life.

ProbeG optics and mounting holes match Probe, Probe+ and Gammex HeNe lasers to allow easy retrofit mounting.

*continued .....*



# GLD 300 SAGITTAL, GLD 500 CROSSHAIR

LASER ALIGNMENT

## SPECIFICATIONS

### Laser Beam Output

Power . . . . . <1.0 mW (each beam)  
 Range . . . . . Up to 6.0 m  
 Line Width . . . . . <0.8 mm @ 3 m  
 Line Divergence  
 Length) . . . . . 15-17°  
 Drift . . . . . No measurable drift  
 WaveLength . . . . 5320 Å (532 nm) visible green  
 Visibility . . . . . Clearly visible in strong  
 ambient light

### Laser Beam Adjustment

Horizontal Range  
 of Vertical  
 Projection . . . . . 330 cm @ 3 m  
 Vertical Range  
 of Horizontal  
 Projection . . . . . Plus 100 cm /minus 300 cm @ 3 m  
 Line angle adjustment  
 range . . . . . ±180 degrees  
 Mounting . . . . . Turret adjustable to ±45°

### Laser Dimensions

Length. . . . . 27.0 cm (10.6 in)  
 Width . . . . . 14.0 cm (5.5 in)  
 Depth . . . . . 8.0 cm (3.1 in)  
 Weight. . . . . 3.2 kg (7.0 lbs)

### Universal Power Supply

Power  
 Requirements . . . 110 VAC - 220 VAC, 50 - 60 Hz, 0.4 A  
 Laser unit includes various adapters for U.S. and inter-  
 national use.

### Certification

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

### Warranty

Lasers carry a one year warranty.  
 Extended warranty available.

