



## 5-Arm CT Sim Robotic Laser Alignment System

**GAMMEX A5000A-PC-SYS2**

**The Gammex 5-Arm CT Sim System brings a new level of alignment sophistication to medical radiation treatment centers.**

Utilizing five moveable diode lasers, the Gammex system is capable of X, Y and Z coordinate alignment with the precision and accuracy typically seen for a three laser system. A green laser is used for the X axis to differentiate from the red lasers used at the Y and Z axes. Easy to use Windows® based software makes setup and operation fast and simple.

The Gammex 5-Arm CT Sim System pendant allows users to set up patient procedures from the couch side. The system can be used with a wide range of treatment planning systems. Upgrades for the existing Gammex 3-Arm systems to the Gammex 5-Arm CT Sim System are also available.

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# ROBOTIC LASER ALIGNMENT SYSTEM

LASER ALIGNMENT

*continued from front...*

## SPECIFICATIONS

### Laser Beam Output

- Power . . . . . <1.0 mW (each beam)
- Laser Class . . . . . Class II
- Line Width . . . . . <1.0 mm @ 3 m
- Drift . . . . . No measurable drift
- WaveLength . . . . . 635 nm red diode  
532 nm green diode
- Visibility . . . . . Clearly visible in strong  
ambient light
- Lasers . . . . . 4 moveable red diode lasers  
1 moveable green diode laser
- Configuration . . . . . XYZ coordinates, green laser  
used for X axis to differentiate  
from Y and Z axes laser lines.

### Laser Beam Adjustment

- Length of  
Travel . . . . . 57 cm (green laser)  
70 cm (red laser)
- Position  
Accuracy . . . . .  $\pm 0.5$  mm @ 3 m

### Certification

Complies with Center for Devices and Radiological Health regulations for Class II lasers and all CE requirements. (21 CFR 1040) (IEC 60825-1) (MDD 93/42/EEC)

### Warranty

Lasers carry a one year warranty. Extended warranty available. Computer and peripherals carry the original manufacturer's warranty only.

### Minimum Requirements - Computer

For ensured compatibility, Gammex recommends the purchase of the system complete with a Gammex supplied medical-grade computer. Compatibility with user supplied computer is not warranted. System hardware and software requires the following minimum hardware and software configuration:

- Microsoft Windows 2000®, XP®, or Windows Vista (SP1) operating system
- Intel 1 GHz microprocessor
- 1 GB free hard drive disk space
- 1 GB RAM
- Network Interface Card 10/100
- CD-Rom Drive
- 256 color, 800x600 display adapter
- 2 serial ports, Com1 and Com2