



CT Sim Robotic Laser Tracking Systems

GAMMEX A3000A AND A3100G

GAMMEX A3000A-PC-SYS 2 AND A3100G-PC-SYS 2

Gammex was the first company ever to bring lasers into the treatment and planning rooms for precision patient alignment.

Almost 40 years later Gammex is still leading the way with the Gammex A3000A and A3100G CT Sim Systems. Two diode sidewall lasers with a movable horizontal line and one overhead diode cross laser with a moveable sagittal line comprise the system. Any coordinate can be accomplished by using the movement in two dimensions with the lasers, and the CT couch height adjustment for the third dimension. All vital functions of the CT Sim system can be controlled by a remote pendant and through a PC in our -PC-SYS 2 systems.

Gammex is proud to boast zero drift on all of our systems. Our systems can currently read exported coordinates from treatment planning systems to allow for easy and accurate movement to the marked location.

Gammex was there in the beginning and we're leading the way into the future. In an industry where precision is a must, let Gammex light the way.

continued





A3000A, A3100G, A3000A-PC-SYS 2, A3100G-PC-SYS 2

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LASER ALIGNMENT

A3000A and A3100G systems include:

- Three moving lasers (choice of red or green diode)
- CT Sim software package
- Hand-held pendant
- CT Sim alignment phantom
- Software manual, calibration kit, controller box and all necessary cabling

A3000A-PC-SYS 2 and A3100G-PC-SYS 2 systems include:

- All items listed with the A3000A and A3100G plus Gammex approved desktop computer, 17 in flat panel LCD monitor.

SPECIFICATIONS

Laser Beam Output

Power <1.0 mW (each beam) Laser Class II
 Range 3 m
 Line Width <0.8 mm wide at 3.0 m
 Line Length 1.0 m at 3.0 m
 Drift no measurable drift
 Wavelength Red. . . 6350 Å (635 nm) visible red
 Wavelength Green . . 5320 Å (532 nm) visible green
 Visibility clearly visible even in strong ambient light

Laser Beam Adjustment

Length of travel 70 cm
 Accuracy of travel ±0.5 mm at 3.0 m
 Positioning accuracy ±0.5 mm at 3.0 m

Laser Dimensions

Laser Unit
 (Moving Lasers) . . . 112x21x9 cm (HWD)
 (44x8.25x3.5 in)
 Power Module . . . 42x21x9 cm (HWD)
 (16.5x8.25x3.5 in)

Voltage requirements . . . 110/240 VAC (auto-select)

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

Gammex CT Sim Systems have specific hardware and software requirements. For ensured compatibility, Gammex recommends the purchase of the complete CT Sim system. The CT Sim software has been validated using the computer and flat screen monitor provided with the complete system. Compatibility with user supplied computers is not warranted.

Call your Gammex sales representative for more information.