

GAT220 Automatic Laser Features:

Automatic self-leveling

- Uses electronic vials and servo-motors to level
- More rugged than delicate wire-hung compensators, and not affected by temperature variations
- Widest self-leveling range in the industry: $\pm 10\%$
- Faster to set up on uneven surfaces

System components

- Horizontal self-leveling laser
- Detector with detachable rod clamp
- Durable carrying case for laser

Simple operation

- One-Touch leveling speeds setup; H. I.(Tilt) warning prevents errors.
- Solo leveling system: one person can easily set up laser and take rod readings



H.I. Alert

- Shuts the laser off automatically if the laser is disturbed, preventing inaccurate readings

Electronic Field Calibration

- For both the X & Y direction. Saves trips to the repair shop.

Accessible Head and Visible Beam

- Lets you work indoors for setting 4' (1m) marks or grab the head and point to your reference.
- Visible spotting beam; permits instant location of laser plane
- Protected head, yet accessible; lets you point to your reference. Open design assures no distortion of beam. Head protection is easily removable

Versatile

- In manual mode, laser can be used to match slope in both X and Y axes, up to 10%
- 0, 90, and 600 rpm rotation speeds

Longest battery life in the industry for rotating laser

- 160 hours with 2 D alkaline batteries
- 40 hours with NiCd battery. Rechargeable battery pack and charger are included in laser package
- Innovative brushless motor eliminates gears & drive belts
- Efficient design gives you long battery life - one month on only two flashlight batteries

	GAT220 & GAT220HV Specifications	
Feature	GAT220	GAT220HV
Recommended use (diameter)	1000ft (300m) diameter with detector	
Accuracy	$\pm 1/8"$ at 100ft ($\pm 0.010\%$ or 20 arc sec)	$\pm 1/8"$ at 100ft in horiz self-leveling mode/ $\pm 1/8"$ at 35ft in vert manual mode
Leveling Range	$\pm 10\%$; $\pm 6^\circ$	$\pm 10\%$; $\pm 5.7^\circ$ w/ HI Alert in horizontal mode Semi Automatic in vertical mode
Laser	Visible 635nm, visible, 2mw, Class 3R	
Rotating speed	90rpm(indoors) and 600rpm(outdoors with detector)	
Battery life	160 hrs with 2 D alkaline batteries / 40 hrs with rechargeable NiCd battery pack	
Size	7.75" X 8" X 5.5"; 3lbs	