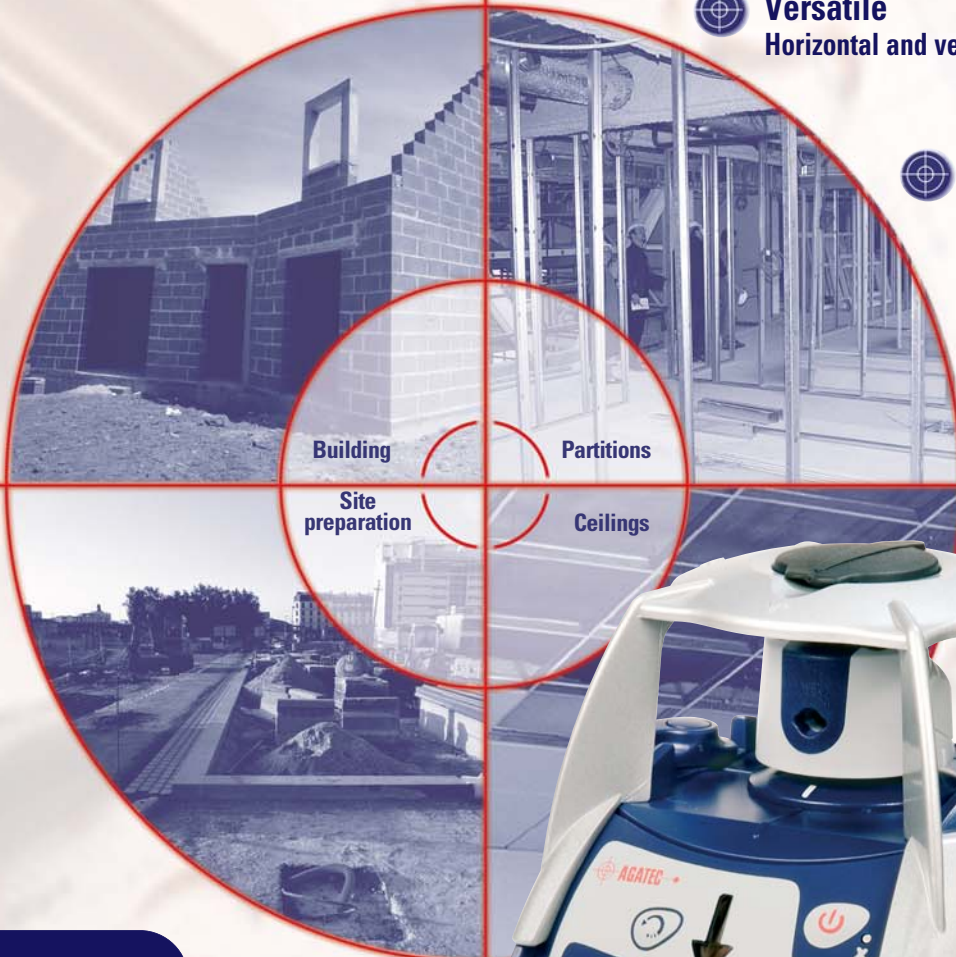


# GAT220HV automatic Self-Levelling Laser

 **Versatile**  
Horizontal and vertical (semi-automatic)

 **Reliable**

 **Cost-effective  
layout laser**



**Wide range  
of accessories**





*The Level of Excellence*

# GAT220HV specifications

## Automatic Self-levelling

The GAT220HV laser sets up fast - it's totally automatic in horizontal mode so there are no levelling screws or vials to rough level. Just mount it on a tripod, turn it on, and it's ready to go!

## Rugged

Rugged design includes sturdy aluminium head protection, and an electronic levelling system that's more durable than delicate wire-hung compensators. The laser is weatherproof for a wide range of outdoor applications.

## Versatile



In addition to levelling, the GAT220HV can also be used for short-range vertical and constant squaring. It's ideal for contractors who work primarily in horizontal but have occasional use for vertical alignment at short distances, or a split beam for 90° layout. Levelling in vertical mode is semi-automatic; recommended use is 130 ft. diameter.

## Convenient

To level the laser in vertical mode, just follow the blinking up or down arrows - once it's level, the center LED will be lit. The GAT220HV also features long battery life (160 hours) and electronic calibration. If required, the laser is easy to calibrate using the MR80S, saving time and money.

## Reliable

The GAT220HV features an H.I. alert. If the H.I. alert is activated and the unit is disturbed, the H.I. alarm will sound and the head will stop rotating, preventing inaccurate readings. If the laser goes out of level in vertical mode, the beam goes off and one of the levelling arrows will blink.

## Multipurpose

In manual mode, the laser can be used to match slope in both X and Y axes, up to 5°.

## Specifications

Recommended Use	
horizontal self-levelling mode	1,000 ft. (300 m) diameter
vertical semi-auto mode	130 ft. (40 m)
Accuracy	
horizontal self-levelling mode	± 1/8" at 100 ft. (± 3mm at 30 m)
vertical semi-auto mode	± 1/8" at 35ft (± 3mm at 10m)
Levelling range	± 10% ± 6°
Visible laser beam	635nm; < 2mW; Class 3R
Rotation speeds	0, 90 and 600 rpm

Power	
2 D Alkaline	160 hours
Rechargeable NiCd	40 hours
Recharge kit allows you to charge and operate at same time	
Manual grade	± 10% ± 6°
Environmental	IP64 weatherproof
Tripod mounts (horizontal & vertical)	Standard 5/8-11
Size	7.75" x 8" x 5.5"; 3 lbs. (19.5 x 21 x 14 cm ; 1.5 kg)

## accessories

### Remote control and Detector MR80S

Designed for outdoor or indoor use, the MR80S can quickly be attached to any grade rod using its rod bracket, or can be suspended from a metal surface with its magnetic mount. In addition to sound indicators, it has a double-sided LCD display so it can be easily read from either side. It also functions as a remote control, allowing you to quickly level the unit in vertical or easily calibrate the laser.



Tripods, grade rods, tripod/rod Kombos, receivers for machine control, and a wide range of other job site accessories are available.

### Kombo Tripod

Combines aluminium tripod and detachable grade rod in one easy-to-carry package.



**Contact us about our full line of construction accessories!**

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