

General Catalogue



Functional products for the job site



About us

Established in 1992 in France, Agatec is a specialist in laser tools serving enterprises with innovative technology and solutions for every construction site. Working closely with customers, observing the dynamic of their job and delivering based on this knowledge tools that make working easier, improving productivity and reducing costs was and remains the target of Agatec.

By developing new value added products, Agatec expanded its business from the French market to all the major European countries, overseas and in Asia, where in 2003 has opened its own production facility.

Since 2006, Agatec is a part of Hexagon, the leading global provider of integrated design, measurement and visualization technologies.

In 2014 Agatec joined forces with GeoMax, a global specialist in development, production and distribution of surveying and construction equipment, to offer a complete portfolio for all applications. United under Hexagon this enables us to serve an even wider customer base with innovative technology for every site.



Agatec portfolio

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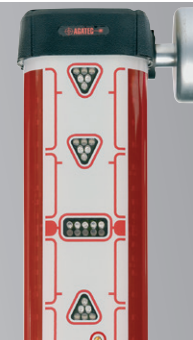
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Agatec rotation lasers



A510S & G

Electronic self-levelling in horizontal and vertical modes, ideal for installing acoustical ceilings and partitions, aligning tilt-up walls, squaring forms, and levelling decks and foundations.



GAT220H

Fully automatic laser. Fast set up, no levelling screws or vials to rough level. Just mount it on a tripod, turn it on, and it's ready to go!



RL110

Fast and simple levelling features. The perfect combination of innovative engineering and design coupled with durable materials.



RL110G

Best line visibility. A green beam that is highly visible, with a thin and intense line.



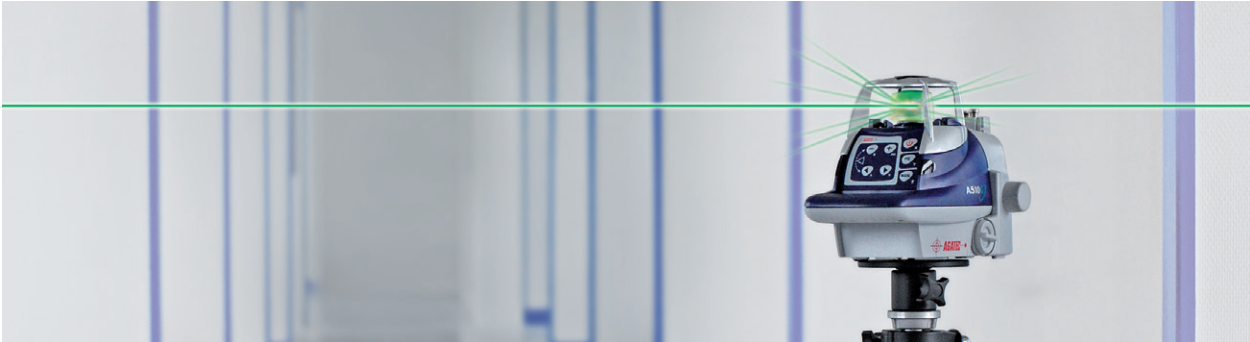
LT200

Rugged and reliable in tough job site conditions, thanks to its durable metal housing and rotary head fully contained in sealed glass housing.



LT300

The toughest and fully weatherproof laser on the market with a durable all-metal housing and fully enclosed rotating head.

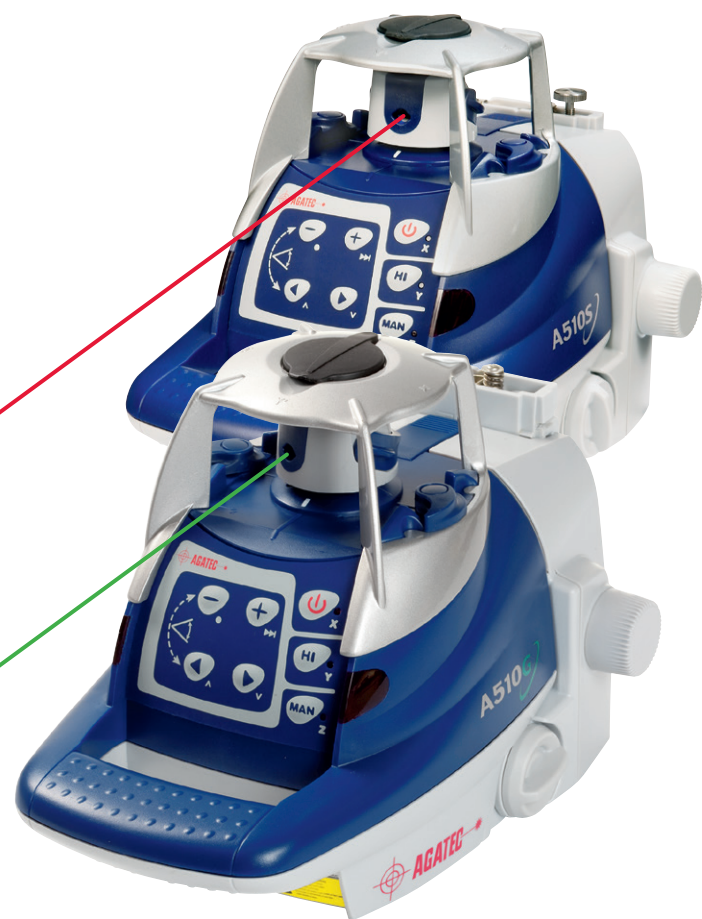


Agatec rotation laser

A510 S & G

This full-featured laser offers high performance at an affordable price.

Electronic self-levelling in horizontal and vertical modes, ideal for installing acoustical ceilings and partitions, aligning tilt-up walls, squaring forms, and levelling decks and foundations. A510S with red laser beam and A510G with green laser beam for higher visibility.



- Fully featured and accurate for every application: indoor and outdoor
- Removable metal cage to eliminate blind spots for full 360° beam coverage
- Adjustable, motorized wall mount
- Dual manual grade matching capability

Technical data	A510S	A510G
	laser with motorized wall mount, rechargeable batteries, glasses, target, RCR500G	
Range with receiver	300 m	
Accuracy	± 2.25 mm at 30 m	
Self-levelling	H/V	
Levelling range	± 10%; 6°	
Rotation speed	0, 90,150, 300, 450, 600 rpm	
Slope match	10% X Auto, Y manual	
Laser diode	Red, 635nm Class 3R; <5mW	Green, 532nm Class 3R; <5mW
Battery life	Rechargeable: NiCd 40 h 2D Alkaline: 160 h	Rechargeable: NiMH 20 h 2D Alkaline: 18 h
IP protection	IP54, against dust and splash water	
Weight w/o battery	2.3 kg	
Size	280 x 180 x 205 mm	



Agatec rotation laser GAT220H

Cost-effective layout tool with automatic horizontal self-levelling.

Rugged and reliable, this rotating laser is ideal for setting forms and footings, screeding concrete, checking elevations and other construction levelling tasks. It features H.I. alarm, BCP technology, and manual slope capabilities.

- Automatic horizontal self-levelling
- Easy to use laser for professionals
- Long battery life with BCP technology

Technical data	GAT220H
	laser, detector SR200, NiCad rechargeable, batteries, alkaline battery box and charger
Range with receiver	300 m
Accuracy	± 2.25 mm at 30 m
Self-levelling	H
Levelling range	± 10%; 6°
Rotation speed	90, 600 rpm
Slope match	10% X Auto, Y manual
Laser diode	Red, 635nm Class 3R; <5mW
Battery life	Rechargeable: NiCd 40 h 2D Alkaline: 160 h
IP protection	IP54, against dust and splash water
Weight w/o battery	1.5 kg
Size	200 x 210 x 140 mm



Agatec rotation laser

RL110

Fast and simple levelling features for professionals.

The combination of innovative engineering and design coupled with durable materials makes the Agatec RL110 the perfect laser for the most demanding construction sites. Featuring fast, electronic self-levelling (H/V), three rotation speeds, spot mode, variable scanning function, H.I. alert system and manual slope capabilities, the RL110 is the complete laser tool for a wide variety of applications at the best investment.

Ideal for installing drop ceilings, drywall installation, plumb and square applications and general jobsite levelling Agatec RL110 is a complete laser tool for a wide set of interior and exterior applications.

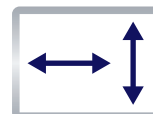


- ± 1 mm accuracy at 10 m
- Easy to operate with single-function buttons
- Complete package with remote control and laser receiver
- Longest battery life: up to 160 hours

Technical data

RL110

Technical data	RL110
	protective cage, scanning and slope function, manual wall mount
Range	60 m 200 m with receiver
Accuracy	± 1 mm at 10 m
Self-levelling	H/V
Levelling range	$\pm 10\%$; 6°
Rotation speed	0, 300, 450, 600 rpm
Slope match	10 % X, Y manual
Laser diode	635 nm; Class II, <5 mW
Battery life	2D Alkaline: 60 h
IP protection	IP54
Weight w/o battery	1.5 kg
Size	156 x 154 x 197 mm



Agatec rotation laser

RL110G

Best line visibility with RL110G. A green beam that is highly visible, with a thin and intense line.

Agatec RL110G is a fantastic rotating laser, with best-in-class green beam visibility. It is equipped with built-in rechargeable batteries and delivered with a brand new manual wall mount, for various interior applications, such as drop ceiling installation. As on RL110, it has slope capabilities on both axes, scan function and H.I. alert.

- Intense and bright beam
- Full package: wall-mount, receiver, remote control
- Rechargeable batteries
- Plumb up

Technical data	RL110G
	Laser, detector RCR500G, remote control, laser target, laser enhancement glasses, built-in NiMH batteries, charger
Range	60 m 200 m with receiver
Accuracy	± 1 mm at 10 m
Self-levelling	H/V
Levelling range	± 10%; 6°
Rotation speed	0, 300, 450, 600 rpm
Slope match	10% X, Y manual
Laser diode	532 nm / Class 3R
Battery life	Rechargeable NiMH 25 h
IP protection	IP54
Weight w/o battery	1.5 kg
Size	156 x 154 x 197 mm



Agatec rotation laser

LT200

Rugged construction laser, extreme waterproofness

The Agatec LT200 is designed to be rugged and reliable in tough job site conditions thanks to its durable metal housing and rotary head fully contained in sealed glass housing.

Brushless core power for longest battery life time and minimal maintenance.

- Fully weatherproof design
- Fully enclosed rotary head with no blind spots
- Fully automatic, $\pm 8\%$ levelling range
- Dual manual slope matching capabilities



Technical data	LT200
Range	300 m with receiver
Accuracy	± 2.25 mm at 30 m
Self-levelling	H
Levelling range	$\pm 8\%$
Rotation speed	90, 600 rpm
Slope match	8% X, Y manual
Laser diode	Red; 635nm; Class 3R; <5mW
Battery life	Rechargeable NiMH 40 h
IP protection	IP67
Weight w/o battery	3.5 kg
Size	130 x 120 x 220 mm



Agatec rotation laser

LT300

The toughest, fully weatherproof laser level on the market

Designed to be rugged and reliable to stand up to the toughest job sites, the LT300 has a waterproof construction, a durable all metal housing and fully enclosed rotating head. It can be used for a wide variety of applications including: site preparation, land levelling, machine control, alignment and interior applications. It features horizontal and vertical self-levelling, variable rotation speeds and scan lengths for better interior visibility and a split beam for 90 angles and vertical plumb applications.

- Multipurpose use: Ideal for both exterior and interior applications
- Dual manual slope matching capabilities
- Brushless motor design virtually eliminates maintenance and increases overall life of laser level
- H.I. Alert System shuts off beam if laser is disturbed or moved from initial position

Technical data	LT300
Range	300 m with receiver
Accuracy	± 2.25 mm at 30 m
Self-levelling	H
Levelling range	± 8%
Rotation speed	0, 150, 300, 450, 600 rpm
Slope match	8% X, Y manual
Laser diode	Red; 635nm; Class 3R; <5mW
Battery life	Rechargeable NiMH 40 h
IP protection	IP67
Weight w/o battery	3.5 kg
Size	130 x 120 x 220 mm



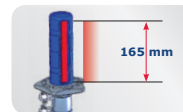
Grade rod & laser detector

SmartRod

Measuring has never been so fast

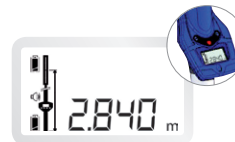
The all-in-one design and unique Linear Receiving Technology (LRT) of SmartRod make working with a receiver faster than ever before.

SmartRod is a laser receiver, telescopic rod and digital distance meter all in one! It works with any rotating laser. Just release the SmartRod's telescope clamp and move the receiver field into the laser beam. The extra-large window (165 mm instead of the standard 60 mm) makes finding the laser beam a breeze. Centering the receiver towards the laser beam can be a tedious and lengthy process. Save yourself the hassle! With SmartRod, heights are simply shown on the digital display.



Start faster

Its extra-large window is easy to hit with the laser in an instant.



Measure faster

The measured values are immediately available on the digital display.



Detect faster

Cut / fill quantities are automatically determined.

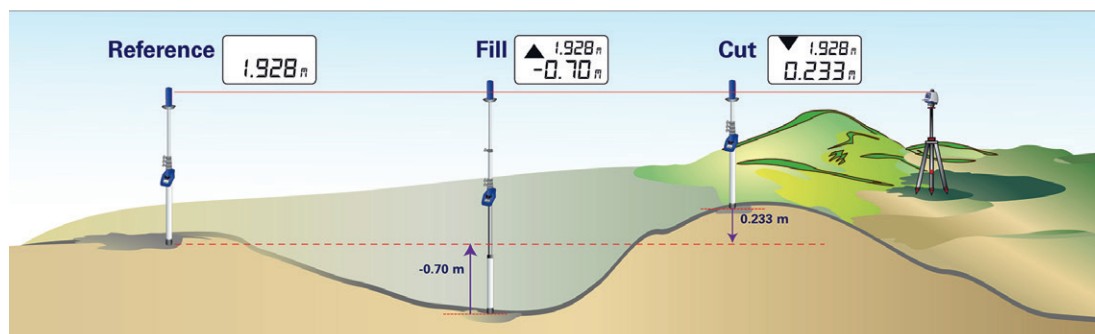


Tape measure mode

Measure interior heights without using a laser!

3 digital functions for speeding up work:

- Measurement data can be displayed in different measurement units
- Cut-and-fill values can be calculated
- Height and distance can be measured without a laser (tape measurement)



In cut-and-fill mode, SmartRod automatically calculates the height difference relative to a defined reference point. Quick and easy – no need for manual calculation, no chance of error.

Technical data	SmartRod
Range	1 m – 300 m laser working range
Accuracy	± 2.5 mm
Beam capture angle	120° minimum
Laser detector window	165 mm
Detectable laser beam	610 nm to 780 nm
Battery life	Control panel 3 x AA, min 60 h, receiver 3 x AA, min 3000 measurements
Operating temperature	- 10°C to + 50°C
IP protection	IP54
Weight w/o battery	3.6 kg
Readable heights	99 cm to 402 cm
Size	Length: from 1.15 m to 4.07 m



Agatec line and dot lasers



CL100

Self-levelling laser with a highly visible 90° cross line for all interior applications.



CP5

5-dot laser level, the perfect choice for any plumb, level or squaring application.



CPL50

Cross line laser with a built-in 180° plumb beam, ideal for floor-to-ceiling point transfer.



MC3

Horizontal rotating mechanism and fine adjustment knob for convenient working, ideal for interior works.



MC5

Instant self-levelling laser with high working range and visibility.



MC8

The best in class in the multi-cross laser offering. Very robust housing and complete functionality, it measures all around you in every direction.



Agatec line laser

CL100

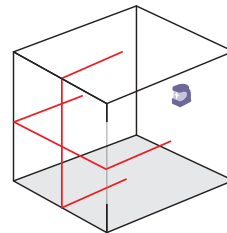
Self-levelling laser with a highly visible 90° cross line for all interior applications.

With three line options: horizontal fan angle, vertical fan angle and cross line. It is ideal for alignment works, as tiles and cabinet installation.



- Highest line visibility
- Easy to operate: only 2 buttons
- Rugged housing
- Pulse mode for applications with receiver
- Versatile set-up with magnetic mount and built in strap

Technical data	CL100
Range	300 m with receiver
Accuracy	± 3 mm at 10 m
Self-levelling range	$4^\circ \pm 0,5^\circ$
Cross line	Up to 120° H & V fan angles
Power	3 x AA batteries
Battery life	Bright mode (default) up to 20 h Pulse mode up to 30 h
IP protection	IP54
Weight w/o battery	425 g
Size	130 x 120 x 220 mm



Agatec dot laser

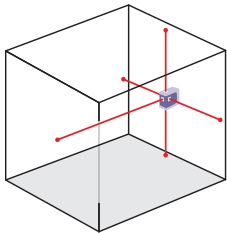
CP5

5-dot laser level, the perfect choice for any plumb, level or squaring application

The Agatec CP5 is a 5-beam laser that produces 5 crisp and clear laser reference points, each at 90° to each other, making it the perfect choice for any plumb, level or squaring application. The self-levelling system and its magnetically dampened compensator provide a quick and easy set up.

- High visibility beam
- Fast self-levelling laser
- Accurate to the millimetre (± 1 mm at 5 m)
- Dedicated adaptor especially designed from drywall track and floor to ceiling plumbing

Technical data	CP5
Range	30 m
Accuracy	± 1 mm at 5 m
Self-levelling range	$\pm 4.5^\circ$
Plumb	Front, left, right, floor to ceiling
Power	3 x AA batteries
Battery life	18 h
IP protection	IP54
Weight w/o battery	335 g
Size	102 x 117 x 60 mm



Agatec line and dot lasers

CPL50

Cross line laser with built-in 180° plumb beam, ideal for floor-to-ceiling point transfer.

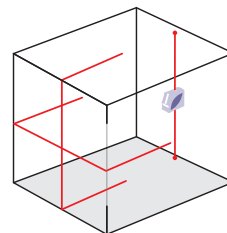
With its horizontal and vertical fan angles, cross line and locked line angle in manual mode, it matches an angle between any two points. It is also delivered with drywall adaptor, especially designed for studs installation, and swivel mount, for inclined levels.

Optional pulse mode for outdoor detection use.



- High visibility cross line, with plumb up and down
- Full package, with swivel and magnetic multiuse mount
- Optional laser receiver for outdoor purposes

Technical data	CPL50
Range	30 m indoor 50 m outdoor with detector LS30
Accuracy	± 3 mm at 10 m
Self-levelling range	± 5°
Cross line	130° horizontal 140° vertical fan angles
Plumb	Floor to ceiling
Power	3 x AA batteries
Battery life	1 beam 25 h 2 beams 12 h
IP protection	IP54
Weight w/o battery	470 g
Size	110 x 57 x 97 mm



Agatec line and dot lasers

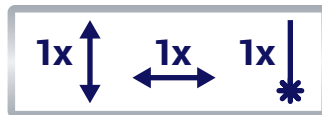
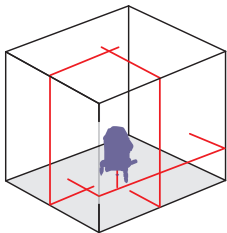
MC3

Horizontal rotating mechanism and fine adjustment knob for convenient working

Agatec MC3 is an easy-to-use tool, quick and reliable. It helps professionals to accomplish interior works, such as pose of wall paving, tiles or cabinets.

- Multicross horizontal + plumb down
- Cross lines with extra 90°, for various applications
- Up to 50 meters working range with optional receiver
- Compact size and handling housing

Technical data	MC3
Range	15 m 50 m with receiver
Accuracy	± 2 mm at 10 m
Self-levelling range	± 3°
Plumb	Up – down
Power	3 x AA batteries
Battery life	12 h
IP protection	IP54
Weight w/o battery	700 g
Size	160 x 100 mm



Agatec line and dot lasers

MC5

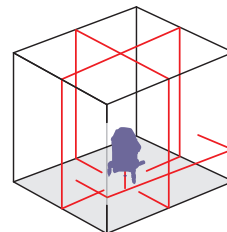
Self-levelling laser, with high working range and visibility.

This robust multi-cross laser projects 4 vertical and 1 horizontal lines with high intense red laser beam. Agatec MC5 increases job efficiency in levelling, squaring, layout and alignment applications. It also works outdoor with an optional laser receiver.



- Multicross 4 vertical and 2 horizontal lines + plumb down
- Accurate line projections in few seconds
- Extreme high visibility, in any indoor condition
- Robust housing, IP54 protected against water and dust

Technical data	MC5
Range	15 m 50 m with receiver
Accuracy	± 2 mm at 10 m
Self-levelling range	± 3°
Plumb	Up – down
Power	3 x AA batteries
Battery life	12 h
IP protection	IP54
Weight w/o battery	700 g
Size	160 x 100 mm



Agatec line and dot lasers

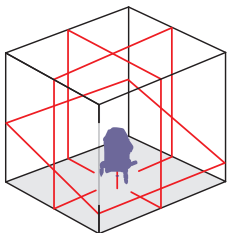
MC8

The best in class in the multi-cross laser offering.

With the Agatec MC8 multi-cross laser, the levelling job is accomplished in few seconds. 360° lines coverage, both horizontal and vertical, it measures all around you in every direction. Its electronic levelling allows the highest precision, more stable than any pendular level, especially when operating on construction site and surrounded by vibrations. Full functionality and robust housing.

- Multicross 4 horizontal and 4 vertical lines + plumb down
- Electronic self-levelling
- Highest precision with the electronic levelling:
± 1 mm at 10 m
- Total room coverage 360°: full cross line projection
- Easy squaring function with cross line on ceiling plus plumb down
- Manual slope capability

Technical data	MC8
Range	15 m 50 m with receiver
Accuracy	± 1 mm at 10 m
Self-levelling range	± 4°
Plumb	Up – down
Power	4 x AA batteries
Battery life	6 h
IP protection	IP54
Weight w/o battery	1.6 kg
Size	220 x 120 mm



Agatec laser distance meters



DM100

Easy and intuitive to use, it features linear measurements, instant area and volume calculations at the touch of a button.



AgaTape7

Multipurpose distance meter with a new range up to 70 m and LCD illuminated display.



Agatec laser distance meters

DM100

The entry-level distance meter for professionals

Designed to be handy and robust, it measures distances up to 30 meters with 2 mm accuracy. Checking projects can now be done in a fraction of the time with precision and safety. Easy and intuitive to use, perimeter calculations are easier than ever. It features linear measurements, instant area and volume calculations at the touch of a button.



- Measures from 0.10 to 30 m, accurate to 2 millimetres
- Easy to read dual line LCD display
- Measure from the front or back of tool at the touch of a button
- Area and volume calculations are quick and accurate each and every time.

Technical data	DM100
Range	0.10 to 30 m
Accuracy	± 2 mm
Display	2 lines
Power	2 x AAA batteries
Battery life	3000 measurements
IP protection	4X
Weight w/o battery	100 g
Size	115 x 47 x 27 mm

Agatec laser distance meters

AgaTape7

Multipurpose distance meter

This handy and light meter you will complete calculation in seconds. It is ideal for measuring indirect height and width to inaccessible positions. Its tracking mode searches for the diagonal or the perpendicular from surface to surface.

- Quick measurements with a range up to 70 m and 1.5 mm accuracy
- LCD illuminated display: bright and easy to read
- Stakes out continuous equal distances, such as layout of metal studs
- Flip-out end piece for accurate measurement from a surface edge or corner

Technical data	AgaTape7
Range	0.05 to 70 m
Accuracy	± 1.5 mm
Display	3 lines, illuminated
Power	2 x AAA batteries
Battery life	5000 measurements
IP protection	IP54
Weight w/o battery	90 g
Size	112 x 43 x 25 mm



Agatec machine guidance systems



MR240

Ideal for use with backhoes and mini-excavators, this receiver offers the convenience of a machine-mounted display at an economical price.



MR360R

Accurate grade information for all visual machine control applications and large 360° detection windows pick up any rotating laser from any angle.

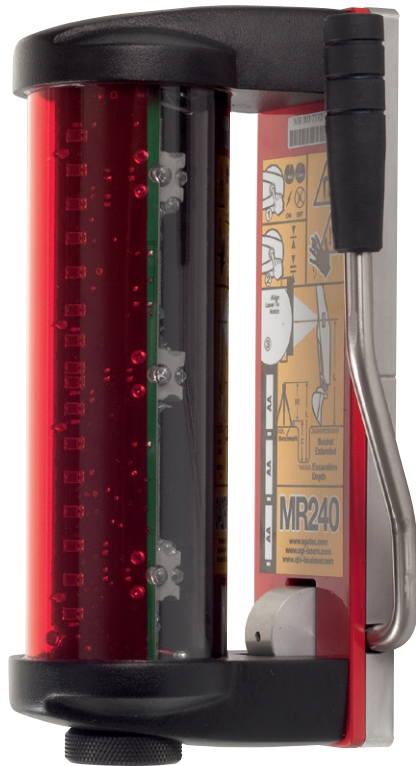


Agatec machine guidance systems

MR240

Ideal for use with backhoes and mini-excavators, MR240 offers the convenience of a machine-mounted display at an economical price.

Its LED indicators show the position of cutting edge in relation to laser reference beam. MR240 has 3 indicators in coarse mode, up to 5 in fine mode and is equipped with magnet mount with extra strong rare earth magnets.



- Accurate grade information for all visual machine control applications
- Extra strong rare earth magnets
- Rugged and waterproof design

Technical data	MR240
Range	200 m
Accuracy	Fine 6 mm Coarse 30 mm
Reception angle	240°
Reception height	14 cm
Power	3 x AA batteries, 1,5 V
Battery life	130 h
IP protection	IP67
Weight w/o battery	2.2 kg
Size	220 x 120 x 100 mm



Agatec machine guidance systems

MR360R

Accurate grade information for all visual machine control applications.

Large 360° detection windows pick up any rotating laser from any angle. MR360R incorporates a built-in vertical indicator that monitors angle of the stick, signalling if it is plumb or under/over extended. The remote display shows direction arrows for plumbing up the dipper stick.

Its receiver has plumb LED indicator and its magnet mount allows quick setup and easy movement from machine to machine.

Clamp mount also available.

- 360° detection windows for total coverage
- In-cabin remote display for best control on operations
- No cables required

Technical data	MR360R
Range	200 m
Accuracy	Fine 6 mm Coarse 12 mm
Reception angle	360°
Reception height	25 cm
Power	NiMh rechargeable batteries
Battery life	130 h
IP protection	IP67
Weight w/o battery	1.8 kg
Size	375 x 75 x 107 mm



Agatec accessories

Laser receivers and remotes



RCR500

Detector / Remote control for scanning, rotation and electronic adjustment of the motorized wall mount. Magnetic attachment. Rod clamp included.



RCR500G

Detector / Remote control for scanning, rotation and electronic adjustment of the motorized wall mount. Magnetic attachment. Rod clamp included. RCR500G for green beam laser.



LR300

2-sided display detector. All rotating lasers compatibility. Innovative quick fix rod clamp included.



SR200

Detector / Remote control for 2-sided display detector. 5 channels. All rotating lasers compatibility. Rod clamp included.



TL25

Remote control for scanning, rotation and electronic adjustment of the motorized wall mount.



RC1

Agatec RL110 remote control.



Red laser glasses

Improve laser visibility.

Agatec accessories

Tripods, staff, wall mounts and targets



CET270

High quality aluminium tripod with elevating column.
Max height: 2.70 m



CTP106-2

Standard aluminium tripod with flat head.
Max height: 1.65 m



CTP106-2 KOMBO

Unique combination of tripod with telescopic rod (4 m).
Max height: 1.65 m



ROD4N/ROD5N

Telescopic levelling rod made of light and durable aluminium; silk-screened with moisture-resistant inks.
ROD4N Max extension: 4 m
ROD5N Max extension: 5 m



FLEXI ROD

Extendable rod for interior applications.
Max height: 2.4 m



CB60/CB60G

Magnetic target.



A200 Manual wall mount

RL100 / RL110G. Clamp function to fix on ceiling grid.



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