



LAMIGO

2019 catalog



rotating lasers

line lasers

optical instruments

measuring devices



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Technologies in our products



Electronic compensator with thermally stabilized electronics. The level is controlled by an electronic system resistant to changes in temperature and humidity. It does not need to block the compensator for safe transportation. This provides the highest possible accuracy and allows you to determine slopes.



Automatic leveling allows you to level the device without user intervention. When turned on, the laser levels automatically and then starts working. Deviations from the level caused by, for example wind or ground vibration, are continuously corrected and do not affect the accuracy of measurement.



Slopes function increases the functionality of the laser. Thanks to this function it is possible to make sloping surfaces, such as floors, car parks, etc.



The anti-tripping alarm prevents errors caused by accidental movement of the instrument. It starts automatically every few seconds and checks if the level has not changed its position. If the device has changed its position, it will stop running, forcing the user to check if the position of the instrument is allright.



The compensator block allows the compensator to be immobilized so that it is not damaged during transport. Models equipped with an electronic compensator do not have a lock as it is unnecessary.



The upper laser point allows you to position the instrument precisely at the point you choose. Along with the lower point creates a laser plummet.



The lower laser point allows the instrument to be positioned exactly above the user's point.



The scanning function allows you to display a horizontal line of different lengths.



Autoplummet enables automatic vertical operation.



The laser receiver increases the range of the laser in unfavorable lighting conditions or outside the building. Allows you to work with the laser even when its line is no longer visible to the human eye.



Red laser light allows operation in a wide temperature range.



Green laser light is better visible even in heavily sunlit areas.



Photographic screw socket - 1/4" diameter.



Geodesic screw socket - 5/8" diameter.



IP54 dust and water resistance class according to PN-EN 60529 (IP) norm.

Rotating lasers

Rotating lasers are modern alternative to traditional optical levels. Equipped with an electronic compensator, they provide fast and precise measurements. With simple one-man operation, you can determine levels, vertical lines and slopes.



Automatic horizontal rotating laser

Lamigo Spin 205

SPECIFICATIONS	
accuracy	±1,5mm/10m
working range	up to 500m with detector
rotation speed	0, 60, 120, 300, 600 rpm
slopes	±7% in each axis
slopes in multiple axes	up to ±7% in both axes
laser diode	red, 635nm
compenser working range	5°
remote control working range	20m
temperature working range	-20° C to +50° C
power supply	4,8-6V
batteries	4 NiMH AA type
working time	30h
water/dust protection	IP 54
dimensions	140mm x 155mm x 170mm
weight	1,3kg

Lamigo Spin 205 is an indispensable tool for making floors. The ability to determine single or biaxial slopes allows you to create sloping floors in garages, swimming pools, car washers, etc. Very easy to use, just put it on a tripod and turn it on, and after a few seconds the instrument is ready for operation (even 30 hours after single charging). Slopes and other functions can be set using remote that comes with the instrument.

Set includes: laser, receiver with a handle, remote control, charger, glasses, target plate, profiled hard case, manual.



TILT

635 nm

5/8"

IP 54

Automatic multifunction rotating laser

Lamigo Spin 210

SPECIFICATIONS	
accuracy	±1mm/10m
working range	up to 500m with detector
rotation speed	0, 60, 120, 300, 600 rpm
scanning angle	0°, 10°, 45°, 90°, 180°
slopes	±9% in each axis
slopes in multiple axes	up to ±12% in both axes
laser diode	red, 635nm
compenser working range	5°
remote control working range	20m
temperature working range	-20° C to +50° C
power supply	4,8-6V
batteries	4 NiMH C type
working time	20h
water/dust protection	IP 54
dimensions	145mm x 145mm x 185mm
weight	1,9kg

Lamigo Spin 210 is a high-end multifunction laser. Thanks to the electronic compensator, its accuracy is ±1mm/10m. The slopes function and wall bracket further increase the functionality of the device. It is suitable for both outdoor works (leveling, demarcation) as well as internal ones (floors, installation of frames and windows, construction of suspended ceilings).

Set includes: laser, receiver with a handle, remote control, target plate, glasses, charger, wall bracket, profiled hard case, manual.



Automatic multifunction rotating laser

Lamigo Spin 220

SPECIFICATIONS	
accuracy	±1mm/10m
plummet accuracy	±1mm/1,5m
working range	up to 500m with detector
rotation speed	0, 60, 120, 300, 600 rpm
scanning angle	0°, 10°, 45°, 90°, 180°
slopes	±9% in each axis
slopes in multiple axes	up to ±12% in both axes
laser diode	red, 635nm
compensator working range	5°
remote control working range	20m
temperature working range	-20° C to +50° C
power supply	4,8-6V
batteries	4 NiMH C type
working time	20h
water/dust protection	IP 54
dimensions	160mm x 160mm x 190mm
weight	2kg

Lamigo Spin 220 is equipped with a compensator with improved thermal stability for higher repeatability (independent of weather conditions) than those used in previous models. Its accuracy is ±1mm/10m, and the slopes function and wall mount further enhance the laser capabilities. The device is suitable for both outdoor works like leveling, and interior ones (setting floors, inserting frames and windows, suspended ceilings). Housing made of impact resistant plastic reduces the risk of damaging the instrument. Despite of all the advanced functions and improvements, the instrument's price still remains attractive.

Set includes: laser, receiver with a handle, remote control, target plate, glasses, charger, wall bracket, additional battery tray, profiled hard case and manual.



Automatic multifunction rotating laser

Lamigo Spin 220G

GREEN
LASER
LINE

SPECIFICATIONS	
accuracy	±1mm/10m
plummet accuracy	±1mm/1,5m
working range	up to 500m with detector
rotation speed	0, 60, 120, 300, 600 rpm
scanning angle	0°, 10°, 45°, 90°, 180°
slopes	±9% in each axis
slopes in multiple axes	up to ±12% in both axes
laser diode	green, 535nm
compensator working range	5°
remote control working range	20m
temperature working range	0° C to +50° C
power supply	4,8-6V
batteries	4 NiMH C type
working time	20h
water/dust protection	IP 54
dimensions	160mm x 160mm x 190mm
weight	2kg

Lamigo Spin 220G is equipped with a compensator with improved thermal stability for higher repeatability (independent of weather conditions) than those used in previous models. Its accuracy is ±1mm/10m, and the slopes function and wall mount further enhance the laser capabilities. The device is suitable for both outdoor works like leveling, and interior ones (setting floors, inserting frames and windows, suspended ceilings). Housing made of impact resistant plastic reduces the risk of damaging the instrument. The green laser beam increases the visibility of the line in unfavorable lighting conditions.

Set includes: laser, receiver with a handle, remote control, target plate, glasses, charger, wall bracket, additional battery tray, profiled hard case and manual.



Automatic multifunction rotating laser

Lamigo Spin 230

SPECIFICATIONS	
accuracy	±0,75mm/10m
plummet accuracy	±1mm/1,5m
working range	up to 500m with detector
rotation speed	0, 60, 120, 300, 600 rpm
scanning angle	0°, 10°, 45°, 90°, 180°
slopes	±10% in each axis
slopes in multiple axes	up to ±16% in both axes
laser diode	red, 635nm
compensator working range	5°
remote control working range	20m
temperature working range	-20° C to +50° C
power supply	4,8-6V
batteries	4 NiMH C type
working time	20h
water/dust protection	IP 54
dimensions	160mm x 160mm x 190mm
weight	2kg

One of the most advanced laser instruments in our offer. Designed for the most demanding customers. Electronic compensator with an accuracy of $\pm 0.75/10m$, possibility to determine slopes up to $\pm 10\%$ in a single axis or up to $\pm 16\%$ in both axes. Ni-MH batteries without memory effect. Built-in laser pointer, tilt alarm, backlit LCD displaying all necessary information. It is ideal both for external works (leveling, demarcation), as well as for internal finishing works (floors, assembly of windows and frames, fixing angles).

Set includes: laser, receiver with a handle, remote control, target plate, glasses, charger, wall bracket, additional battery tray, profiled hard case and manual.



Automatic multifunction rotating laser

Lamigo Spin 235

SPECIFICATIONS	
accuracy	±0,75mm/10m
plummet accuracy	±1mm/1,5m
working range	up to 500m with detector
rotation speed	0, 60, 120, 300, 600 rpm
scanning angle	0°, 10°, 45°, 90°, 180°
slopes	±10% in each axis
slopes in multiple axes	up to ±16% in both axes
laser diode	red, 635nm
compenser working range	5°
remote control working range	150m
temperature working range	-20° C to +50° C
power supply	4,8-6V
batteries	4 NiMH C type
working time	20h
water/dust protection	IP 54
dimensions	160mm x 160mm x 190mm
weight	2kg

The most advanced instrument in our offer. Designed for the most demanding customers. Equipped with an electronic compensator with an accuracy of $\pm 0.75\text{mm} / 10\text{m}$, the ability to determine slopes up to $\pm 10\%$ in a single axis or up to $\pm 16\%$ in both axes. Ni-MH batteries without memory effect. Built-in laser pointer, power-off alarm, LCD backlight on the laser and radio remote control. Independent control of seven lasers with one remote control. It is ideal both for external works (leveling, demarcation, parking), as well as for internal finishing works (floors, assembly of windows and frames, fixing angles).

Set includes: laser, receiver with a handle, remote radio control, target plate, glasses, charger, wall bracket, additional battery tray, profiled hard case and manual.



Remote machine control system

Lamigo Digger RC

SPECIFICATIONS	
exact mode accuracy	±2mm to ±10mm
coarse mode accuracy	±5mm to ±23mm
internal power supply	7.2V NiMh/ 2500mAh
working time	40h
charging time	15h
external power supply	machinery power supply 12V to 24V
working temperature range	-20° C to +50° C
dimensions	376mm x 180mm x 49mm
weight	3,1kg
single cable length	10m
mounting system	magnets

The system simultaneously displays corrections on the detector and on the repeater (located in the operator's cab). Detects a laser beam emitted by any red light rotating laser. Equipped with powerful, neodyme magnets for mounting the device on the machine. Powered by built-in rechargeable battery or building machine's battery (complete wiring included). Allows to control the working edges of bulldozers, graders, scraper loaders, etc.

Set includes: receiver, repeater, set of wires, charger, profiled hard case and manual.



	Spin 205	Spin 210	Spin 220/220G	Spin 230	Spin 235
Photo					
Horizontal work	YES	YES	YES	YES	YES
Vertical work	NO	YES	YES	YES	YES
Slope in one/two axes	±7% / ±7%	±9% / ±12%	±9% / ±12%	±10% / ±16%	±10% / ±16%
Accuracy mm/10m	±1,5	±1,0	±1,0	±0,75	±0,75
Working range	up to 500m with receiver	up to 500m with receiver	up to 500m with receiver	up to 500m with receiver	up to 500m with receiver
Rotating speed	0, 60, 120, 300, 600 rpm	0, 60, 120, 300, 600 rpm	0, 60, 120, 300, 600 rpm	0, 60, 120, 300, 600 rpm	0, 60, 120, 300, 600 rpm
Upper/lower laser point	NO/NO	YES/NO	YES/YES	YES/YES	YES/YES
Remote/receiver	YES/YES	YES/YES	YES/YES	YES/YES	YES/YES
Warranty	5 years	5 years	5 years	5 years	5 years



Line lasers

Line lasers are professional devices for determining levels, vertical lines and angles. Thanks to high precision, simple operation and reliability, they can significantly improve all construction, finishing and renovation works.



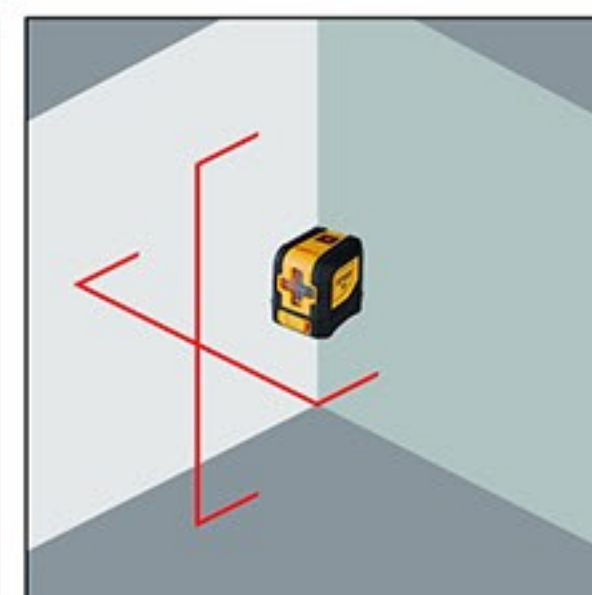
Self leveling line laser

Lamigo Cross X1

SPECIFICATIONS	
accuracy	±3mm/10m
self leveling range	±4°
working range	up to 20m, 60m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	2 AA batteries
working time	up to 20h
water/dust protection	IP 54
dimensions	65mm x 75mm x 75mm
weight	0,3kg

Lamigo Cross X1 is a compact, lightweight and easy-to-use line laser. Excellent for internal works, repairs or quality control. Equipped with a clamp for mounting on structural components, worktops, doors, etc. The instrument is equipped with a 1/4" screw socket. Set on a tilted tripod, it can be used to determine slopes. The laser works with detector, for example RC-9.

Set includes: laser, universal clamp, soft bag, batteries and manual.



Self leveling line laser

Lamigo Cross X1G

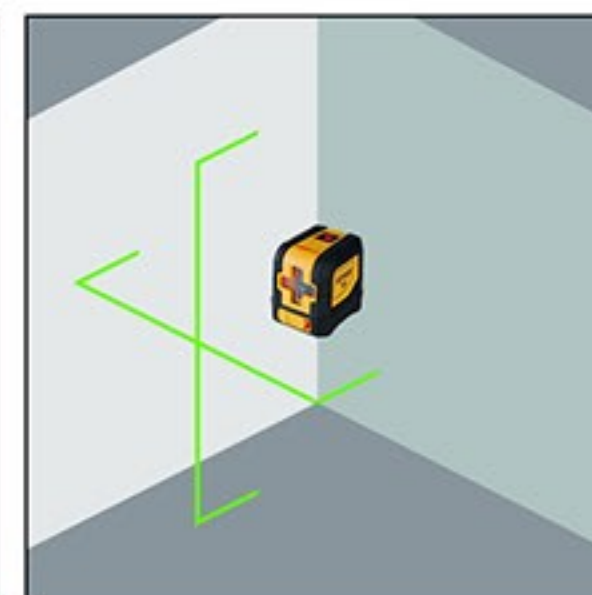
SPECIFICATIONS	
accuracy	±3mm/10m
self leveling range	±4°
working range	up to 20m
laser diode	green, 535nm
temperature working range	-10°C to +50°C
power supply	2 AA batteries
working time	up to 4h
water/dust protection	IP 54
dimensions	65mm x 75mm x 75mm
weight	0,3kg

Lamigo Cross X1G is a compact, lightweight and easy-to-use line laser. Excellent for internal works, repairs or quality control. Equipped with a clamp for mounting on structural components, worktops, doors, etc. The instrument is equipped with a 1/4" screw socket. Set on a tilted tripod, it can be used to determine slopes. The green laser makes lines much more visible than usual red ones.

Set includes: laser, universal clamp, soft bag, batteries and manual.



GREEN
LASER
LINE



Self leveling line laser

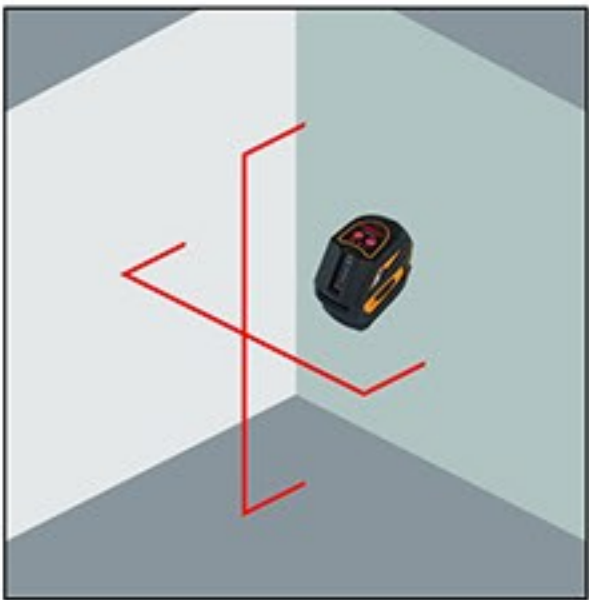
Lamigo Cross 2

SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±2,5°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	3 AA batteries
working time	up to 16h
water/dust protection	IP 54
dimensions	120mm x 60mm x 95mm
weight	0,5kg

Compact and lightweight cross laser for multiple uses. Excellent for internal works, repairs or quality control. Equipped with a magnetic holder for mounting on metal components. Tribach makes it easy to set levels even at very low heights. The instrument can be placed on accessories equipped with 5/8" or 1/4" screw socket. Used with a photographic tripod, can be used to determine slopes. Combined with KR-34 column works perfect for mounting suspended ceilings. Can work with receiver, for example RC-9.

Soft bag set includes: laser, wall bracket, target plate, tribach, soft bag with arm strap, batteries and manual.

Hard case set includes: laser, wall bracket, target plate, glasses, tribach, profiled hard case, batteries and manual.



Soft bag set:



Hard case set:



Self leveling line laser

Lamigo Cross 2G

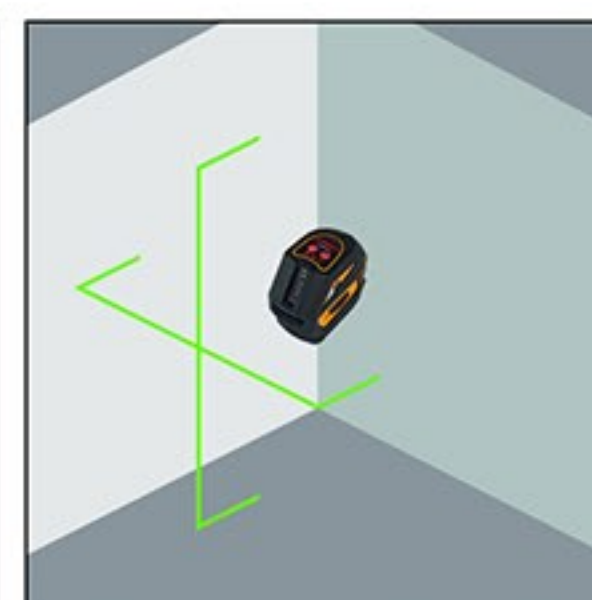
SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±2,5°
working range	up to 30m, 80 with receiver
laser diode	green, 535nm
temperature working range	-5°C to +45°C
power supply	3 AA batteries
working time	up to 16h
water/dust protection	IP 54
dimensions	120mm x 60mm x 95mm
weight	0,5kg

Compact and lightweight cross laser for multiple uses. Excellent for internal works, repairs or quality control. Equipped with a magnetic holder for mounting on metal components. Tribrach makes it easy to set levels even at very low heights. The instrument can be placed on accessories equipped with 5/8" or 1/4" screw socket. Used with a photographic tripod, can be used to determine slopes. Combined with KR-34 column works perfect for mounting suspended ceilings. Can work with receiver, for example RC-10. Thanks to green laser diode the line is much more visible than usual red one.

Set includes: laser, wall bracket, target plate, glasses, tribrach, profiled hard case, batteries and manual.



GREEN
LASER
LINE



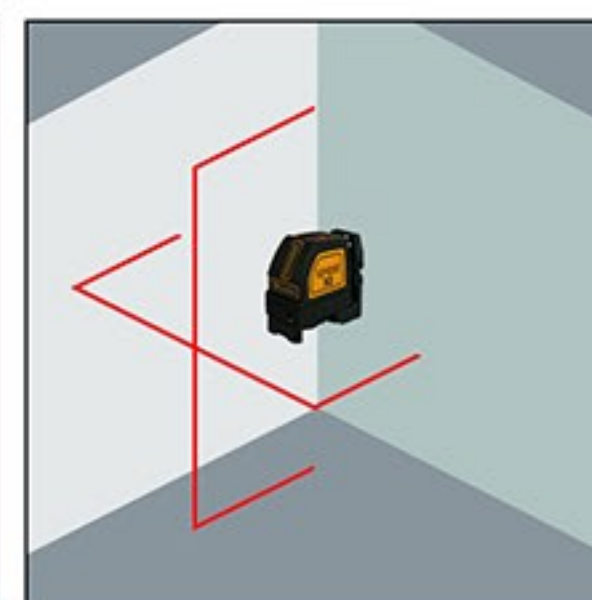
Self leveling line laser

Lamigo Cross X2

SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±4°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	3 AA batteries
working time	up to 16h
water/dust protection	IP 54
dimensions	105 mm x 60mm x 95mm
weight	0,4kg

Compact and lightweight cross laser for every user. Can determine slopes without using a tripod. The wall bracket it comes with is equipped with 5/8" and 1/4" screw sockets and strong neodyme magnets. Perfectly suited for all finishing works, mounting suspended ceilings, setting up kitchen furniture and much more. It can work with the receiver, for example RC-9.

Set includes: laser, wall bracket, target plate, soft bag with arm strap, batteries and manual.



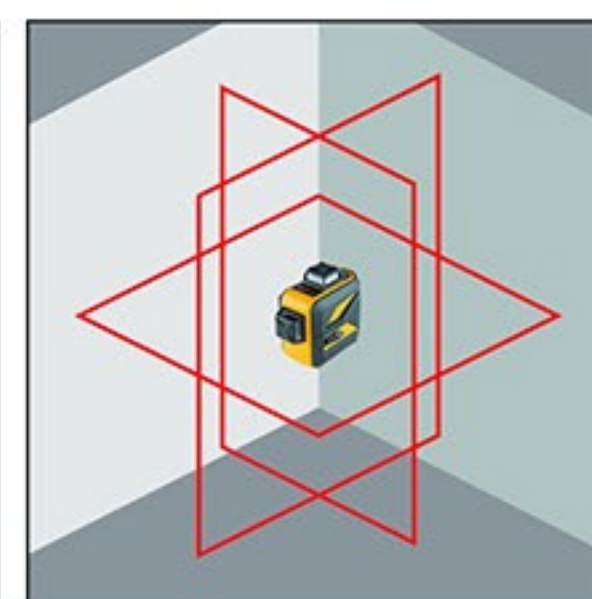
Self leveling line laser

Lamigo Cross 3D

SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±3,5°
working range	up to 20m, 60m with receiver
laser diode	red, 660nm
temperature working range	-20°C to +50°C
power supply	Li-Ion 2600mAh battery
working time	15h
water/dust protection	IP 54
dimensions	142mm x 85mm x 127mm
weight	0,75kg

Displays a grid of crossing lines both under and over the instrument. All lines emitted by the laser have a 360 degree range. The device is equipped with a self-leveling compensator for fast leveling and reliable measurement accuracy of ±2mm/10m. Can work with receiver, for example RC-9. Perfect for all finishing works: installation of windows and doors, suspended ceilings, partition walls, setting furniture and many more. Can operate with charger plugged in.

Set includes: laser, two-piece wall bracket, target plate, glasses, profiled hard case, batteries, two-piece charger, battery adapter and manual.



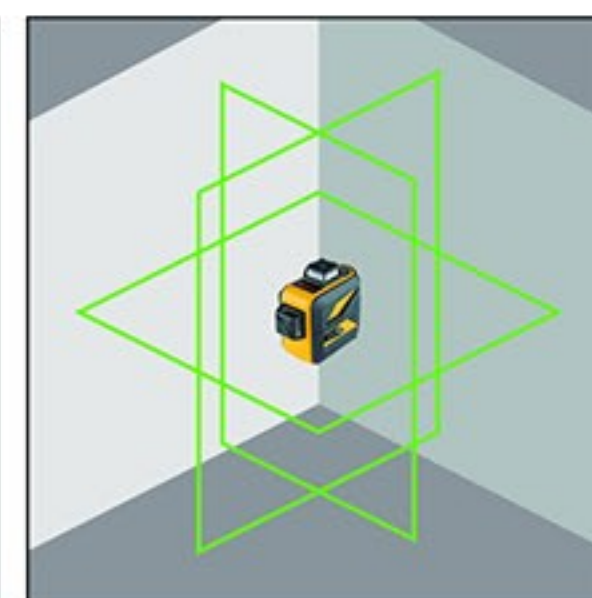
Self leveling line laser

Lamigo Cross 3DG

SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±3,5°
working range	up to 20m, 60m with receiver
laser diode	green, 520-535nm
temperature working range	-10°C to +50°C
power supply	Li-Ion 2600mAh battery
working time	8h
water/dust protection	IP 54
dimensions	142mm x 85mm x 127mm
weight	0,75g

Displays a grid of crossing lines both under and over the instrument. All lines emitted by the laser have a 360 degree range. The device is equipped with a self-leveling compensator for fast leveling and reliable measurement accuracy of ±2mm/10m. Can work with receiver, for example RC-10. Perfect for all finishing works: installation of windows and doors, suspended ceilings, partition walls, setting furniture and many more. Thanks to green laser diode the lines are much more visible than usual red ones. Can operate with charger plugged in.

Set includes: laser, two-piece wall bracket, target plate, glasses, profiled hard case, batteries, two-piece charger, battery adapter and manual.



Self leveling line laser

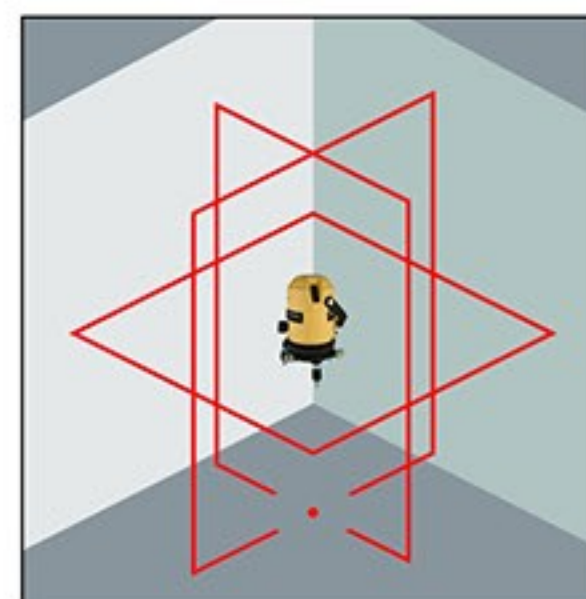
Lamigo Cross 4

SPECIFICATIONS	
accuracy	±3mm/10m
self leveling range	±2,5°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	3 AA batteries
working time	up to 20h
water/dust protection	IP 54
dimensions	110mm x 110mm x 200mm
weight	1,4kg

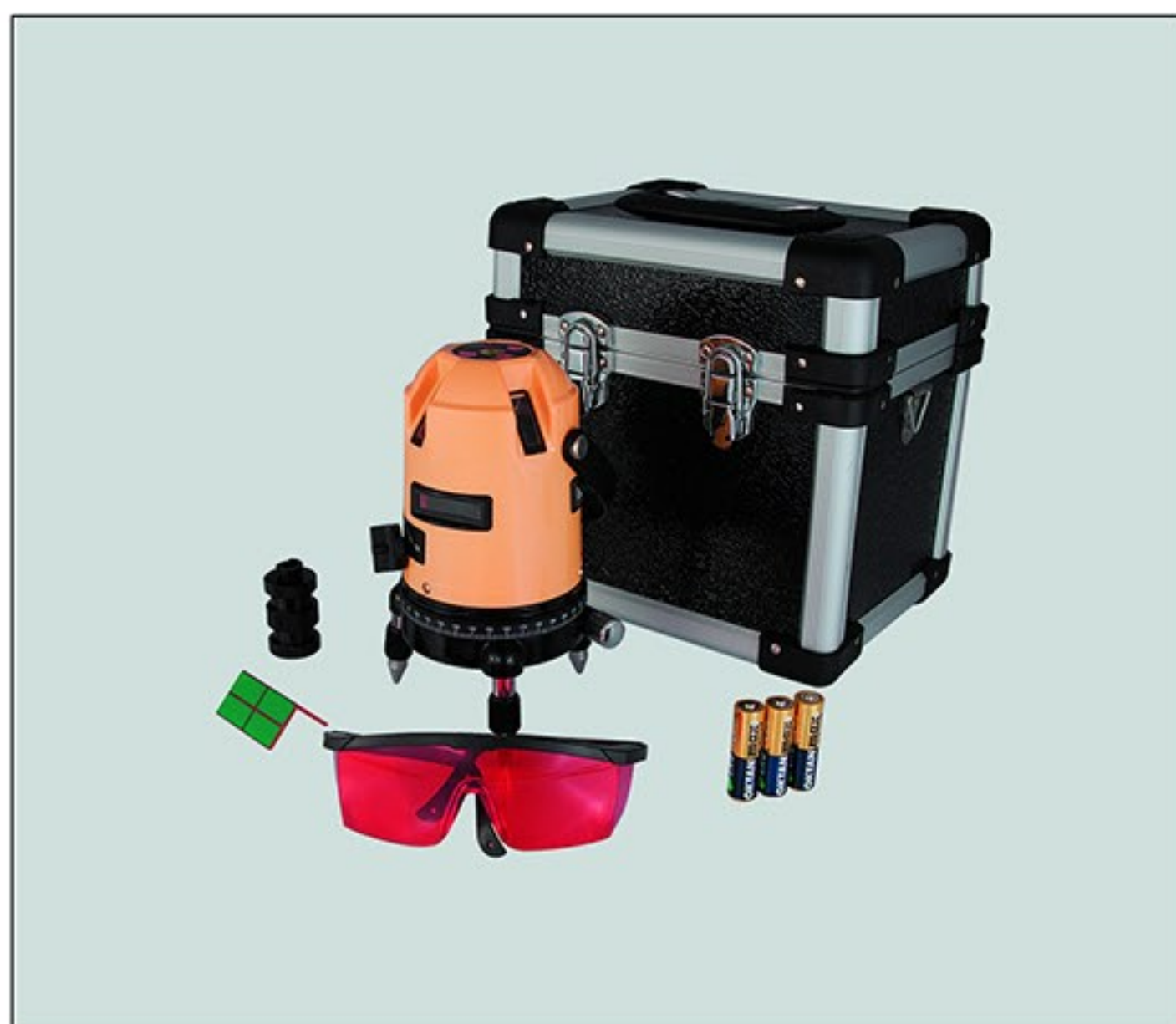
Displays a grid of four vertical lines crossing at right angles. Exactly below the point of intersection of vertical lines, the device marks a spot with the laser plummet. The horizontal line has a 360 ° range. The device is equipped with a magnetic self-leveling compensator for fast leveling and reliable measurement accuracy of ± 3mm / 10m. Can work with receiver, for example RC-9. The tribrach with micro movement increases the precision of the instrument setting, which is perfect for any finishing work: window and door assembly, mounting suspended ceilings, partition walls, setting furniture and much more.

Basic set includes: laser, small target plate, glasses, tripod adapter screw, profiled hard case, batteries and manual.

Extended set includes: laser, target plate, glasses, tripod adapter screw, profiled hard case, batteries, tripod and manual.



Basic set:



Extended set:



Self leveling line laser

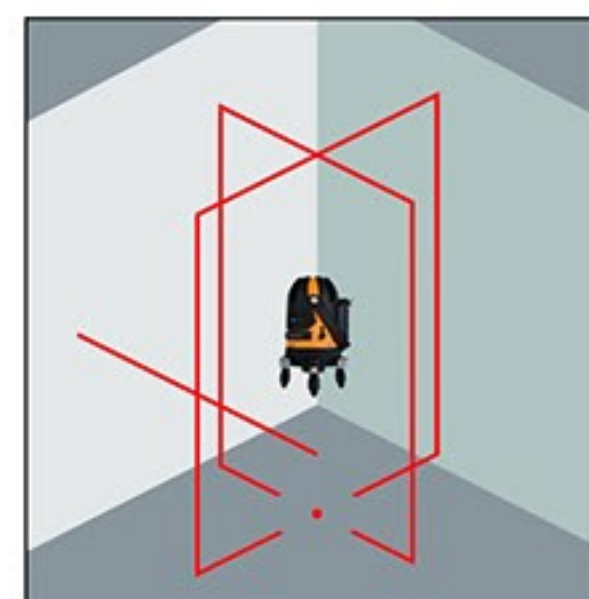
Lamigo Cross 4.1

SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±2,5°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	4 AA batteries
working time	up to 8h
water/dust protection	IP 54
dimensions	110mm x 110mm x 185mm
weight	1,4kg

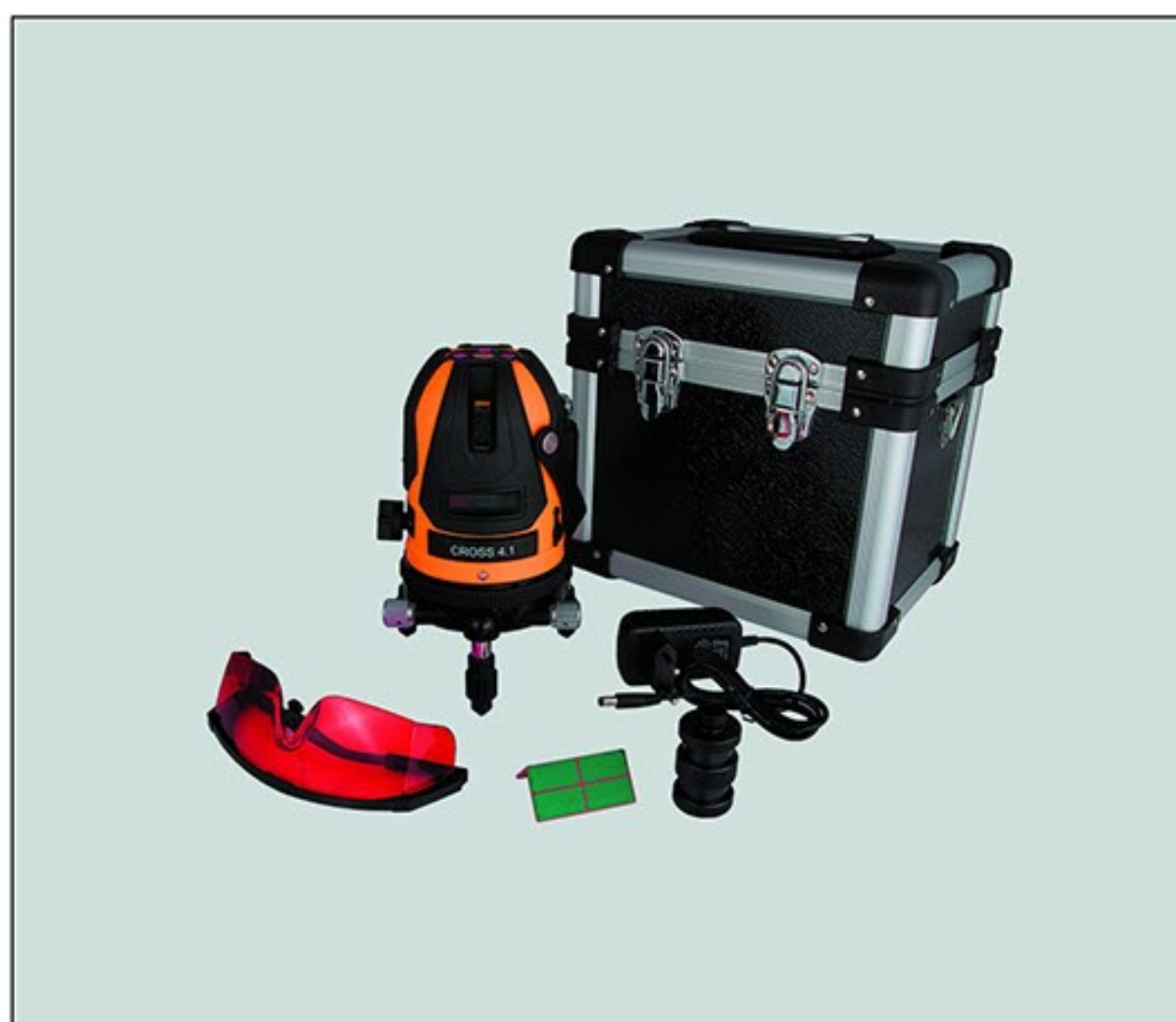
Displays a grid of four vertical lines crossing at right angles. Exactly below the point of intersection of vertical lines, the device marks a spot with the laser plummet. One the vertical lines is crossed by a horizontal line. The device is equipped with a magnetic self-leveling compensator for fast leveling and reliable measurement accuracy of ±2mm/10m. Can work with receiver, for example RC-9. The tribrach with micro movement increases the precision of the instrument setting, which is perfect for any finishing work: window and door assembly, mounting suspended ceilings, partition walls, setting furniture and much more.

Basic set includes: laser, small target plate, glasses, tripod adapter screw, profiled hard case, batteries, power cable and manual.

Extended set includes: laser, small target plate, glasses, 2 kinds of tripod adapter screws, profiled hard case, batteries, power cable, tripod and manual.



Basic set:



Extended set:



Self leveling line laser

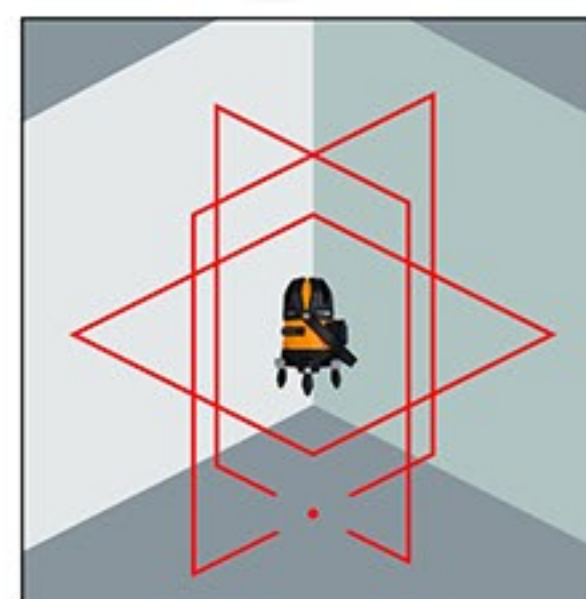
Lamigo Cross 4.4

SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±2,5°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	4 AA batteries
working time	up to 8h
water/dust protection	IP 54
dimensions	110mm x 110mm x 200mm
weight	1,4kg

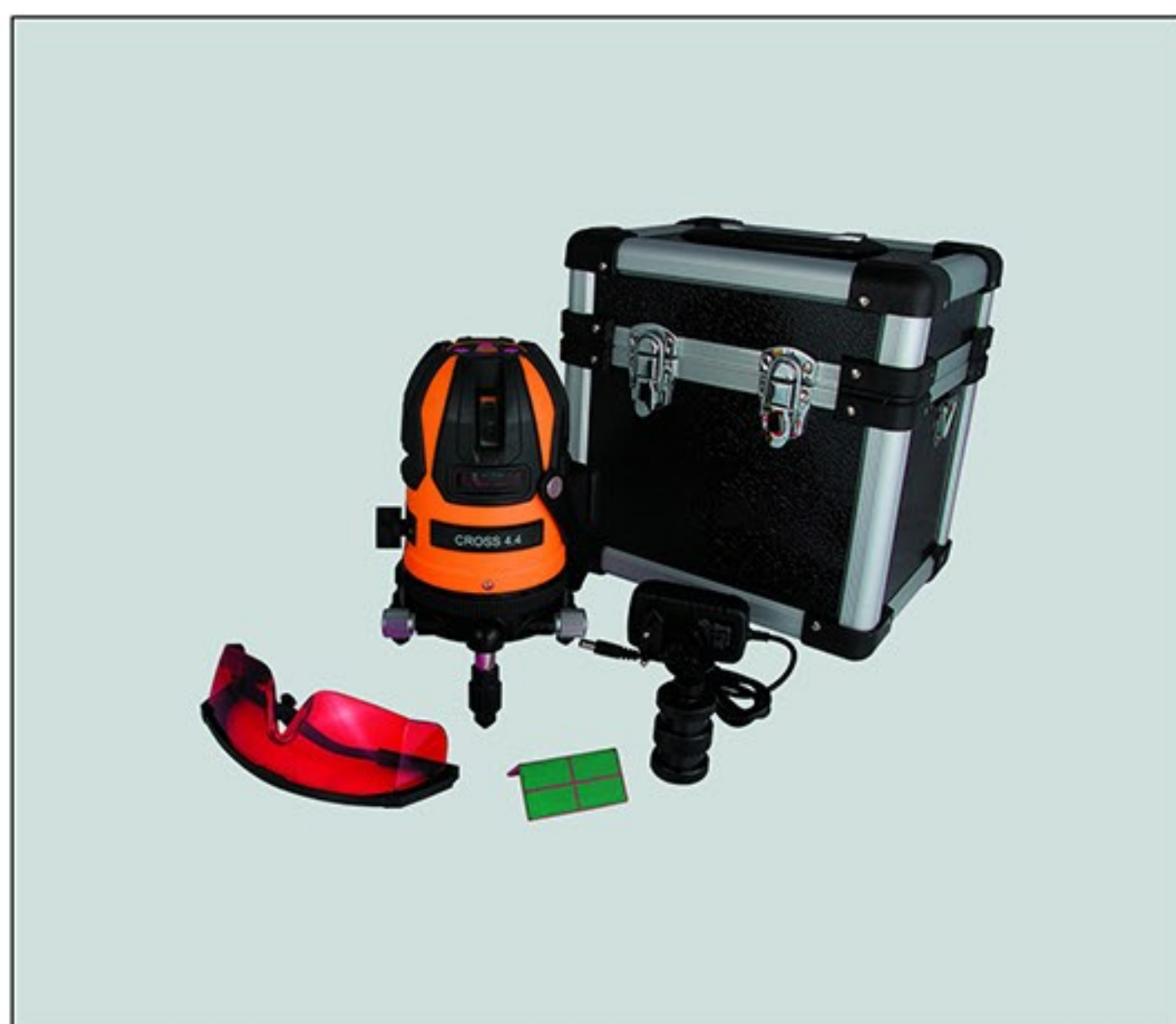
Displays a grid of four vertical lines crossing at right angles. Exactly below the point of intersection of vertical lines, the device marks a spot with the laser plummet. The horizontal line has a 360 ° range. The device is equipped with a magnetic self-leveling compensator for fast leveling and reliable measurement accuracy of ±2mm/10m. Can work with receiver, for example RC-9. The tribrach with micro movement increases the precision of the instrument setting, which is perfect for any finishing work: window and door assembly, mounting suspended ceilings, partition walls, setting furniture and much more.

Basic set includes: laser, small target plate, glasses, tripod adapter screw, profiled hard case, batteries, power cable and manual.

Extended set includes: laser, small target plate, glasses, 2 kinds of tripod adapter screws, profiled hard case, batteries, power cable, tripod and manual.



Basic set:



Extended set:



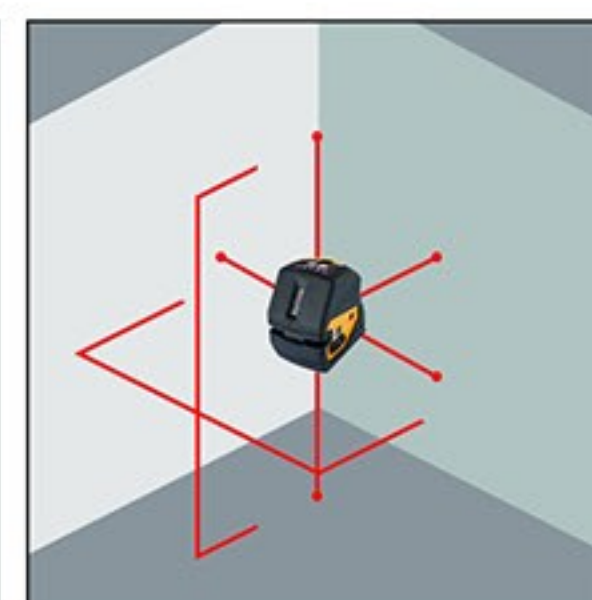
Self leveling line laser

Lamigo Cross 5.2

SPECIFICATIONS	
accuracy	±2mm/10m
self leveling range	±3°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	4AA batteries
working time	up to 20h
water/dust protection	IP 54
dimensions	120mm x 105mm x 70mm
weight	0,6kg

Perfect combination of line and point laser. Equipped with a two-piece wall mount with strong neodymium magnets, it has both 5/8" and 1/4" screw sockets. It can be used for finishing works, mounting suspended ceilings, setting kitchen furniture, etc. It allows to define horizontal and vertical lines, mark points, straight angles and more. Works with receiver, for example RC-9.

Set includes: laser, two-piece wall bracket, target plate, profiled hard case, batteries and manual.



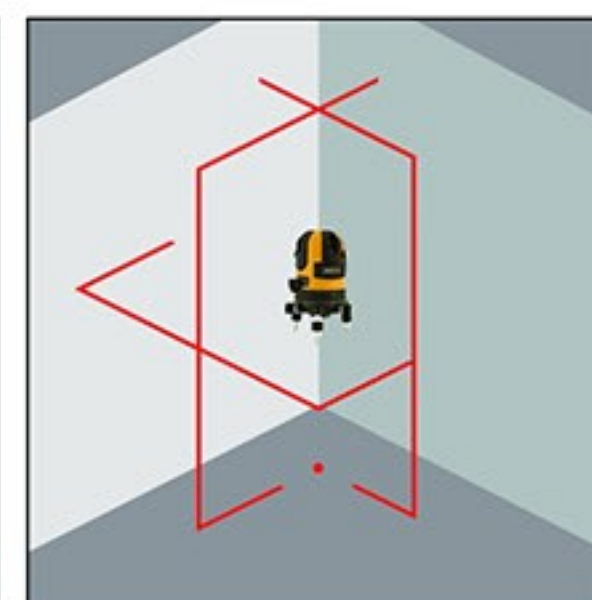
Self leveling line laser

Lamigo Cross 22

SPECIFICATIONS	
accuracy	±3mm/10m
self leveling range	±2,5°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	Li-Ion 3500mAh battery
working time	up to 20h
water/dust protection	IP 54
dimensions	115mm x 125mm x 190mm
weight	1,4kg

The self-leveling line laser emitting three laser lines: a horizontal and two vertical ones, perpendicular to each other. Position of the instrument is marked by a dot emitted from the bottom. The instrument features a compensator of extended range that signals excessive swing of the instrument by pulsing the laser line. Perfectly suited for finishing jobs, setting up furniture, laying tiles, suspended ceilings and many other applications. Powered by a built-in power cell, charged with a standard USB cable. Can work with receiver, eg RC-9.

Set includes: laser, glasses, target plate, tripod adapter screw, profiled hard case, power cord, tripod and manual.



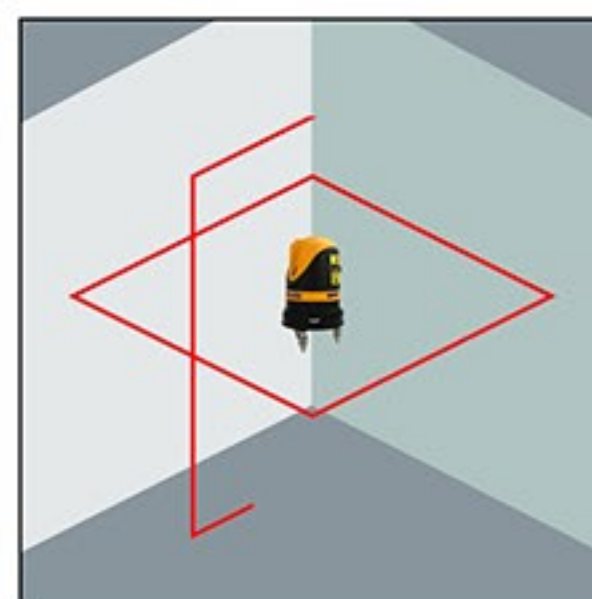
Self leveling line laser




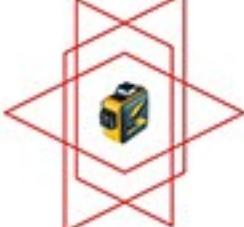
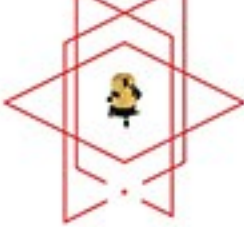
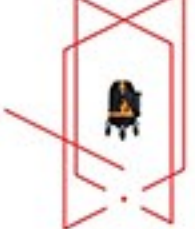


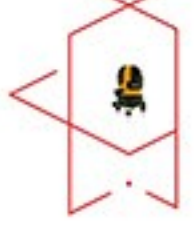
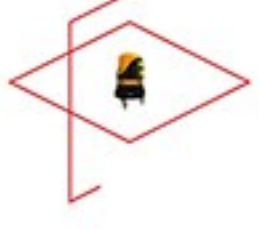
Lamigo Cross 360

SPECIFICATIONS	
accuracy	±3mm/10m
self leveling range	±2,5°
working range	up to 30m, 80m with receiver
laser diode	red, 635nm
temperature working range	-20°C to +50°C
power supply	3 AA batteries
working time	up to 20h
water/dust protection	IP 54
dimensions	110mm x 110mm x 190mm
weight	1kg

The self-leveling line laser emitting two laser lines: a horizontal, full circle around the instrument and a vertical one, perpendicular to the other (the instrument features a compensator of extended range that signals excessive swing of the instrument by pulsing the laser line). Perfectly suited for finishing jobs, setting up furniture, laying tiles, mounting suspended ceilings and many other uses. Detachable tribrach makes it possible to lower the instrument's height. Can be used to determine slopes by blocking the compensator. Can work with receiver, for example RC-9.

Set includes: laser, receiver, small target plate, glasses, tripod adapter screw, profiled hard case, batteries and manual.



	Lines	Laser diode	Accuracy mm/10m	Working range with/without receiver	Laser plummet	Warranty
Cross X1/X1G		Class 2	±3,0	X1: 60m/20m X1G: -/20m	NO	2 years
Cross 2/2G		Class 2	±2,0	80m/30m	NO	5 years
Cross X2		Class 2	±2,0	80m/30m	NO	5 years
Cross 3D/3DG		Class 2	±2,0	60m/20m	YES	5 years
Cross 4		Class 2	±3,0	80m/30m	YES	5 years
Cross 4.1		Class 2	±2,0	80m/30m	YES	5 years
Cross 4.4		Class 2	±2,0	80m/30m	YES	5 years
Cross 5.2		Class 2	±2,0	80m/30m	NO	5 years
Cross 22		Class 2	±3,0	80m/30m	YES	5 years
Cross 360		Class 2	±3,0	80m/30m	NO	5 years



Receivers and equipment

Receivers and accessories effectively increase the capabilities of the devices they will be used with. Detectors make it easy to work in unfavorable lighting conditions - replacing the human eye they can give the right measurement even when the laser beam is completely invisible. In our offer there are receivers for different types of lasers that emit both red and green light.

Additional equipment in the form of handles or targeting plates also makes it easier to work and eliminates the risk of making mistakes.



Line laser reveiver

Lamigo RC-9

SPECIFICATIONS	
laser detector height	50mm
accuracy	±0,5mm/10m
power supply	9V battery
auto power-off	after 20 minutes
temperature working range	-20° C do 50° C
dimensions	165mm x 51mm x 26mm
weight	0,15kg

The RC-9 receiver with a measuring staff mount replaces the human eye when searching for a laser beam. Designed for use with line lasers emitting red light.



Universal line laser reveiver

Lamigo RC-10

SPECIFICATIONS	
laser detector height	40mm
accuracy	±1,5mm/10m
power supply	9V battery
auto power-off	after 20 minutes
temperature working range	-20° C do 50° C
dimensions	160mm x 55mm x 23mm
weight	0,15kg

The RC-10 receiver with a measuring staff mount replaces the human eye when searching for a laser beam. Designed for use with line lasers emitting both red and green light.



Rotating laser receiver

Lamigo RC 300

SPECIFICATIONS	
laser detector height	50mm
exact mode accuracy	±1mm
coarse mode accuracy	±2mm
measure indicator	2 LCD displays, sound signal
power supply	9V battery
auto power-off	after 20 minutes
temperature working range	-20° C to +50° C
dimensions	150mm x 72mm x 25mm
weight	0,2kg

The RC 300 receiver with a measuring staff mount replaces the human eye when searching for a laser beam. Designed for use with rotating lasers emitting red light.



Rotating laser receiver

Lamigo RC 100

SPECIFICATIONS	
laser detector height	50mm
exact mode accuracy	±1mm
coarse mode accuracy	±2mm
measure indicator	2 LCD displays, sound signal
power supply	9V battery
auto power-off	after 20 minutes
temperature working range	-20° C to +50° C
dimensions	150mm x 72mm x 25mm
weight	0,2kg

The RC 100 receiver with a measuring staff mount replaces the human eye when searching for a laser beam. Ergonomically shaped to fit user's hand. Works with red rotating lasers.



Rotating laser receiver

Lamigo RC 100G

SPECIFICATIONS	
laser detector height	50mm
exact mode accuracy	±1mm
coarse mode accuracy	±2mm
measure indicator	2 LCD displays, sound signal
power supply	9V battery
auto power-off	after 20 minutes
temperature working range	-20° C to +50° C
dimensions	150mm x 72mm x 25mm
weight	0,2kg

The RC 100G receiver with a measuring staff mount replaces the human eye when searching for a laser beam. Designed for use with rotating lasers emitting green light.



Rotating laser receiver

Lamigo RC 400

SPECIFICATIONS	
laser detector height	50mm
exact mode accuracy	±1mm
coarse mode accuracy	±2mm
measure indicator	2 LCD displays, sound signals
power supply	bateria 9V
auto power-off	after 20 minutes
temperature working range	-20° C to +50° C
dimensions	156mm x 75mm x 30mm
weight	0,25kg

Receiver used with rotating red light lasers. It has built-in sound signal, illuminated screen, and a circular bubble for finding vertical position. The rubberized housing helps to keep the detector in hand.



Rotating laser receiver

Lamigo RC 600

SPECIFICATIONS	
laser detector height	125mm
exact mode accuracy	±1,5mm
coarse mode accuracy	±2,5mm
measure indicator	2 LCD displays, sound signal
power supply	9V battery
auto power-off	after 20 minutes
temperature working range	-20° C to +50° C
dimensions	165mm x 76mm x 35mm
weight	0,4kg

Receiver used with rotating red light lasers. It has built-in sound signal, illuminated screen and extra long detector window. Rubberized housing helps to keep the detector in hand.



Rotating laser receiver

Lamigo RC 800

SPECIFICATIONS	
laser detector height	125mm
exact mode accuracy	±1mm, ±5mm, ±10mm
measure indicator	2 LCD displays, sound signal
power supply	9V battery
auto power-off	after 20 minutes
temperature working range	-20° C to +50° C
dimensions	178mm x 76mm x 35mm
weight	0,6kg

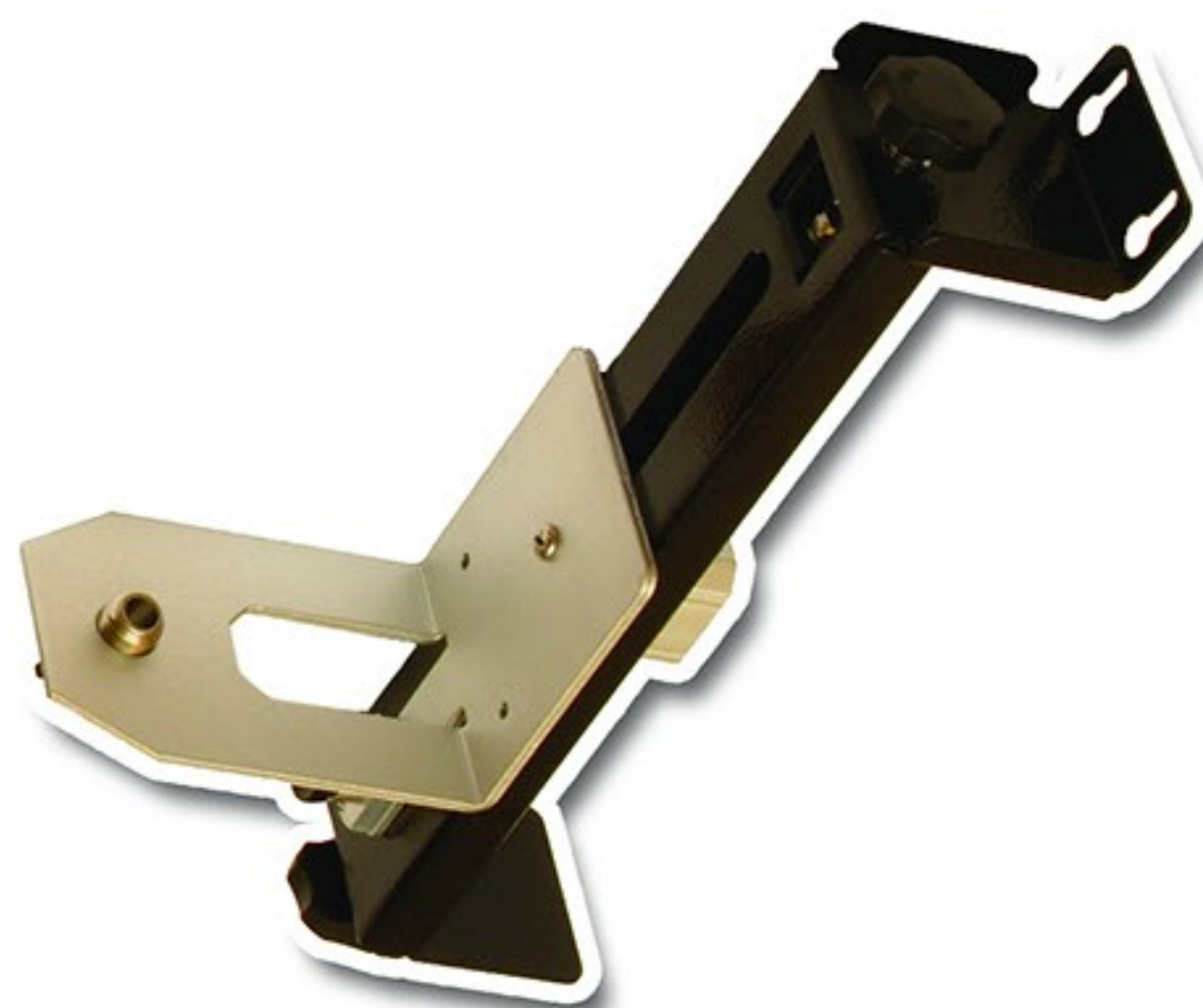
The RC 800 is intended for use with rotating red light lasers. It has an illuminated screen (showing the deviation from the level in millimeters, centimeters, inches and feet), a sound signal, two circular bubbles to orient the receiver vertically or horizontally, and two magnets. The rubberized housing helps to keep the detector in hand.



Wall bracket

Lamigo UWM-1

Universal mounting bracket. Used to hang laser instruments at a certain height on a wall or wall profile when installing suspended ceilings, etc. The instrument mounts on a movable and adjustable stand, with a standard 5/8" thread.



Grade mount

Lamigo GP1

Designed for use with rotating lasers. Used to tilt the instrument at a preset angle between 0 and 90 degrees to determine planes of varying degrees.



Measuring staff

Lamigo LTL24

Measuring staff designed to work with lasers. Very easy measurement of height difference. Two-part division - positive and negative, to quickly determine the difference in levels. Adjustable zero, slider for fixing detector, built-in libella. Bag included.



Laser glasses

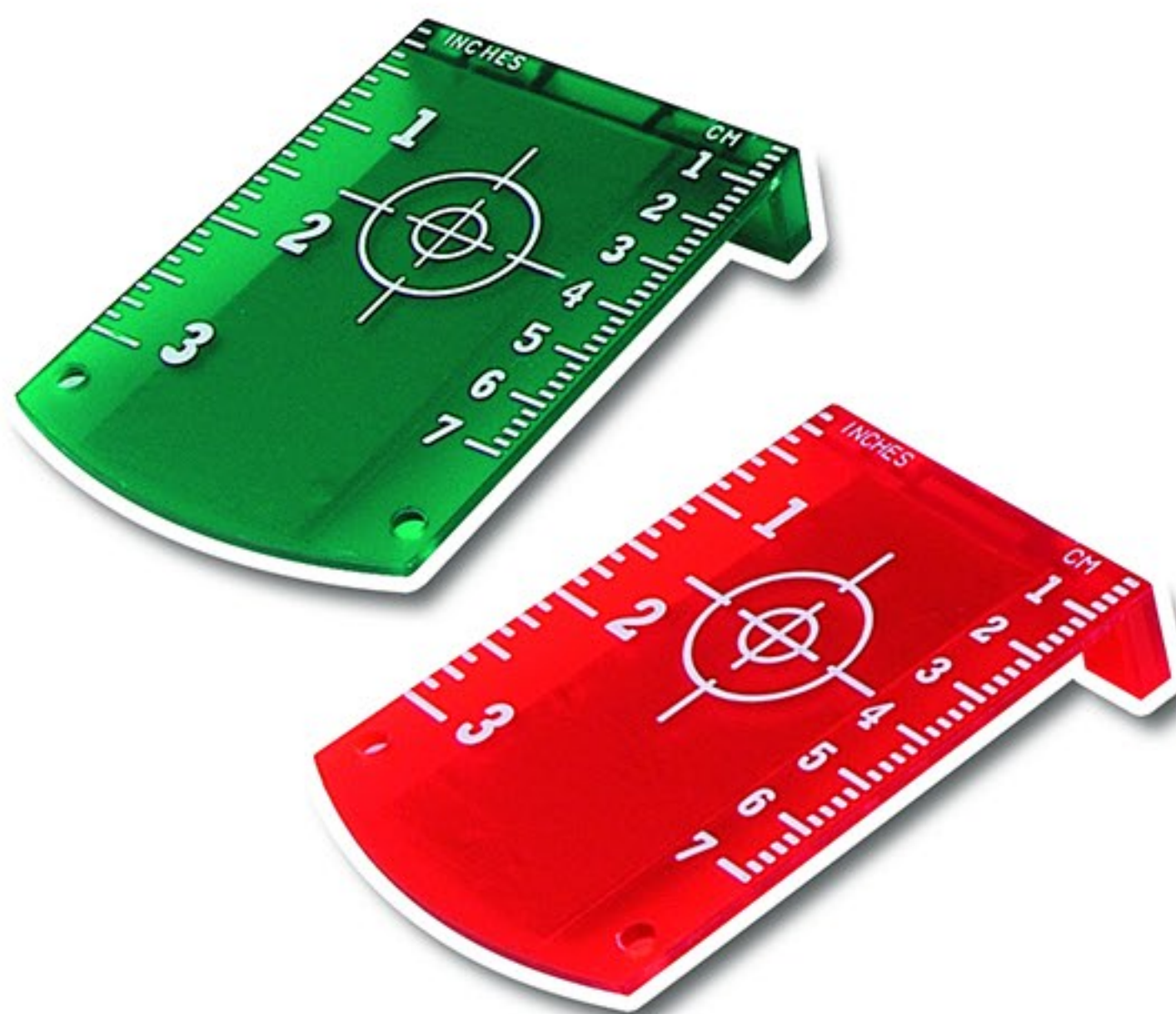
The glasses improve the visibility of laser light in brightly lit rooms and when working outdoors. Made of polycarbonate, very tough, practically indestructible.



Target plate

Lamigo TL

The target plate with a magnet for working with lasers increases the visibility of the laser beam, allowing faster and more accurate readings. Target plate has an inch and a millimeter scale. Available in green and red.



Adapters

Adapters allow you to attach devices with various screw sockets to tripods that you would normally not be able to work with.



Optical instruments

Optical instruments are still indispensable tools for every construction site. Although laser devices are becoming more common and easier to use, optical instruments are still best suited for certain applications. Finding heights requires the optical leveler, and in order to accurately determine and measure angles other than right ones, theodolite is required.



Automatic level

Lamigo AN-28

SPECIFICATIONS	
magnification	28x
objective diameter	40mm
field of view	1°20'
shortest focus length	0,4m
compenser working range	±15'
compenser accuracy	0,3"
circular bubble	8'/2mm
horizontal circle	1 gon
average error per km of double leveling	±1,5mm/1km
tripod socket	5/8"
weight	1,4kg

Standard optical level. The 40mm lens and the 28x zoom lens provide a clear and crisp image. Robust metal housing covered with rubber to prevent accidental slipping from the hand, high reliability and modern design. The automatic compensator provides high measurement accuracy. The device is designed for geodetic and building measurements. Perfect for technical leveling of terrain points, height ordinates and for control measurements.



Automatic level

Lamigo AN-32

SPECIFICATIONS	
magnification	32x
objective diameter	40mm
field of view	1°20'
shortest focus length	0,4m
compenser working range	±15'
compenser accuracy	0,3"
circular bubble	8'/2mm
horizontal circle	1 gon
average error per km of double leveling	±1,5mm/1km
tripod socket	5/8"
weight	1,4kg

Standard optical level. The 40mm lens and the 32x zoom lens provide a clear and crisp image. Robust metal housing covered with rubber to prevent accidental slipping from the hand, high reliability and modern design. The automatic compensator provides high measurement accuracy. The device is designed for geodetic and building measurements. Perfect for technical leveling of terrain points, height ordinates and for control measurements.



Automatic level

Lamigo CN-24

SPECIFICATIONS	
magnification	24x
objective diameter	38mm
field of view	1°20'
shortest focus length	0,4m
compenser working range	±15'
compenser accuracy	0,3"
circular bubble	8'/2mm
horizontal circle	1 gon
average error per km of double leveling	±1,5mm/1km
tripod socket	5/8"
weight	1,4kg

Economical line of standard optical levels. The 38mm lens and 24x zoom provide a clear and crisp image. Robust metal housing, high reliability and modern design. The automatic compensator provides high measurement accuracy. Also available with measuring staff and tripod. The device is designed for geodetic and building measurements. Perfect for technical leveling of terrain points, height ordinates and for control measurements.



Measuring staff

Lamigo LT5M and LT7M

Telescopic measuring staff. Made of aluminum, equipped with a vial and a soft case. The sides of each segment are beveled to increase the stiffness of the structure. There are five and seven meters long versions. At the front there is a standard E-type surveying scale. At the back, a millimeter universal scale (for working with a laser level) or a simple scale (for working with an optical level).



Measuring staff

Lamigo LT5MW

Extra-wide, 5 meters long telescopic measuring staff. Made of aluminum, equipped with a vial and a soft case. The sides of each segment are beveled to increase the stiffness of the structure. At the front there is standard E-type surveying scale and a parallel millimeter scale. The universal millimeter scale was printed on the back.



Electronic theodolite

Lamigo LT-01

SPECIFICATIONS	
magnification	30x
objective diameter	47mm
shortest focus length	1m
field of view	1°30'
telescope length	162mm
image	straight
measuring accuracy	2"/5"/10"
reading accuracy	1"/5"/10"/20"
compensator working range	±3'
angle measuring units	400gon, 360°, 6400mil
displays	2 LCD displays
plummet	laser
tribrach	detachable
automatic power off	after 30 minutes
power supply	2 Ni-MH 6V batteries
working time	2 x 20h
temperature working range	od -20°C do +45°C

The electronic theodolite LAMIGO LT-01 is a 2-second measuring device that allows you to quickly and accurately determine the direction, measure horizontal and vertical angles and determine slopes. The large number of functions and modern design puts it at the forefront of theodolites. It has two displays that enhance work comfort, a single-axis compensator for unstable ground operation without the need for constant ground level control and a laser plummet to position the theodolite over the point at which the measurement is performed. Theodolite LT-01 is resistant to difficult weather conditions (IP54), making it ideal for use even in the rain. The high capacity rechargeable battery allows for long time field operating.



Tripods and stands

A well-chosen tripod is just as important as the instrument itself. Poorly selected, can reduce the functionality of the laser by up to half. Laser instruments should be mounted on adjustable column stands. On the other hand, using this type of tripod in combination with the optical level would be inappropriate. Lamigo offers a wide range of tripods for all types of work with any type of instrument.



Universal tripod

Lamigo ST140

SPECIFICATIONS	
height	83cm to 155cm
plate diameter	135mm
length in transportation	100cm
weight	2,4kg

Aluminum tripod designed for use with optical levels. Equipped with a 5/8" screw that fits most of levels available in the market.



Heavy duty universal tripod

Lamigo ST160

SPECIFICATIONS	
height	92cm to 160cm
plate diameter	140mm
length in transportation	107cm
weight	3,9kg

Aluminum tripod designed for use with theodolites. Equipped with a 5/8" screw that fits most of instruments available in the market.



Fiberglass universal tripod

Lamigo STW160

SPECIFICATIONS	
height	97cm to 163cm
plate diameter	135mm
length in transportation	110cm
weight	5,9kg

Fiberglass tripod designed to resist weather conditions. Equipped with a 5/8" screw that fits most of instruments available in the market.



Elevating tripod

Lamigo STL76M

SPECIFICATIONS	
maximum height	76cm
minimum height	29cm
connecting screw	5/8"
plate diameter	4,5cm
weight	0,42kg

Lowest and lightest aluminum tripod designed for use with light-weight line lasers. It allows stable placement of the device at minimal height of 29cm above the ground.



Elevating tripod

Lamigo STL145M

SPECIFICATIONS	
maximum height	146cm
minimum height	61cm
connecting screw	5/8"
plate diameter	5cm
weight	1,2kg

Anodized aluminum tripod, designed for use with light line lasers. Adjustable feet and spikes allow you to work both inside and outside the building. Additional struts ensure stable operation on any surface.



3D moving head tripod

Lamigo STL154M

SPECIFICATIONS	
maximum height	154cm
minimum height	56cm
connecting screw	1/4"
head movement	3D
weight	1,2kg

Aluminum tripod, designed for use with line lasers, equipped with 1/4" screw. Thanks to the movable head, it allows you to determine slopes. Ideal for working with Cross 2, Cross 5.2 or Cross 3D lasers.



3D moving head tripod

Lamigo STL170M

SPECIFICATIONS	
maximum height	170cm
minimum height	61cm
connecting screw	1/4"
head movement	3D
weight	1,3kg

Ultra light aluminum tripod, designed for use with line lasers, equipped with 1/4" screw. Thanks to the movable head it allows you to determine slopes. Ideal for working with Cross 2, Cross 5.2 and Cross 3D lasers.



Elevating tripod

Lamigo STL180T

SPECIFICATIONS	
maximum height	180cm
minimum height	65cm
connecting screw	5/8"
plate diameter	5cm
weight	1,7kg

Tripod designed for working with line lasers. Equipped with additional struts for high stability. Low weight and a rotating head. Designed for indoor use (rubber feet).



Elevating tripod

Lamigo STL180

SPECIFICATIONS	
maximum height	180cm
minimum height	65cm
connecting screw	5/8"
plate diameter	5cm
weight	1,7kg

Most basic tripod designed for working with line lasers. Equipped with additional struts for high stability. Low weight and a rotating head. Designed for indoor use (rubber feet).



Elevating tripod

Lamigo STLQ3M

SPECIFICATIONS	
height	109cm to 330cm
column movement	170cm
connecting screw	5/8"
plate diameter	11cm
weight	5,9kg

Tripod designed to work with rotating lasers. Feet with spikes allow you to work outside buildings. Additional rubber overlays allow you to set up a tripod inside the building, even on the floor without damaging it. Adjustable height from 109 to 330cm, column with millimeter scale and the ability to set up on any surface makes it the most versatile rotating laser stand in Lamigo's offer.



Elevating tripod

Lamigo STL3M

SPECIFICATIONS	
height	96cm to 330cm
column movement	170cm
connecting screw	5/8"
plate diameter	7cm
weight	5,9kg

Tripod with elevating column. Made of anodised aluminum, designed for use with heavy rotating lasers, primarily for internal use. Additional struts provide very stable operation on all surfaces. With rubber feet it is possible to set the tripod on any, even delicate floor without destroying it. Perfect for any work inside large areas, like sports halls, hypermarkets, etc.



Elevating tripod

Lamigo STLV3M

SPECIFICATIONS	
height	96cm to 300cm
column movement	120cm
connecting screw	5/8"
plate diameter	11cm
weight	5,9kg

Tripod with elevating column. Made of anodised aluminum, designed for use with heavy rotating lasers. Primarily for external use. Arrow-headed feet make it possible to set the tripod on ground. Perfect for any open-field works.



Elevating tripod
Lamigo STLV4M

SPECIFICATIONS	
height	164cm to 400cm
column movement	117cm
connecting screw	5/8"
plate diameter	13cm
weight	8,3kg

Tripod with elevating column. Made of anodised aluminum, designed for use with heavy rotating lasers. Primarily for external use. Arrow-headed feet make it is possible to set the tripod on ground. Perfect for any open-field works. Highest tripod in our offer.



Laser column
Lamigo KR-34

Extending column designed for working with line lasers inside buildings. Made of lacquered aluminum, it allows the installation of devices equipped with both 5/8 "and 1/4" screw socket. Makes perfect pair with Cross 2 laser. Effective height setting 73.4cm to 337cm. Equipped with two exchangeable fixing screws. Soft bag included.



Other devices

In this product group we can offer a variety of devices that facilitate a variety of tasks, including laser rangefinders from simple to very advanced construction, mechanical and electronic distance meters, professional and certified long and short measuring tapes, levels and other tools with versatile capabilities.



Handheld laser rangefinder

Lamigo LDX 30

SPECIFICATIONS	
measuring distance	0,05m-30m
accuracy	±2mm
reading accuracy	1mm
laser diode	class 2, 620-690nm
water/dust protection	IP 54
memory	10 measurements
working temperature range	0° C to +40° C
storage temperature range	-20° C to +70° C
battery life	5000-8000 measurements
battery type	2xLR6 1,5V (AA)
dimensions	36mm x 118mm x 20mm
weight	0,09kg

Lightweight and easy to use handheld rangefinder with basic functions. Equipped with measuring tip, enables making measurements from corners. Calculates length, area and volume. Rubberized housing prevents accidental slipping instrument out of the hand. Includes carrying soft bag and wrist strap.

Functions of the rangefinder: surface and volume measuring, minimal and maximal distance measuring.



Handheld laser rangefinder

Lamigo LDM40 and LDM100

SPECIFICATIONS	
measuring distance	0,05m-40m/ 0,05m-100m
accuracy	±1,5mm
reading accuracy	1mm
laser diode	class 2, 620-690nm
water/dust protection	IP 54
memory	20 measurements
working temperature range	0° C to +40° C
storage temperature range	-20° C to +70° C
battery life	5000-8000 measurements
battery type	2 x AAA
dimensions	58mm x 127mm x 32mm
weight	0,15kg

LDM40 and LDM100 are top-class laser rangefinders equipped with a backlit screen and sound signal. Ergonomic and rubber-coated housing ensure comfortable use of the instrument. Sold with a soft etui.

Rangefinder functions: surface and volume measurement, indirect measurement, Pythagorean theorem, addition and subtraction of measurements, continuous measurement, measurement of minimum and maximum distance.



Measuring wheel

Lamigo DM12

SPECIFICATIONS	
measuring range	0,1m to 9999m
wheel circumference	1m
reset	by hand
minimal reading accuracy	0,1m
maximum speed	7km/h
measuring accuracy	±0,1%
weight	2kg
break	yes

The instrument is made of impact resistant ABS material and aluminum. Foldable arm and handle for easy transportation. Has two buttons for resetting the measurement and a handbrake for easier handling. The indicator accurately marks the beginning and end of the measurement. Application: obtaining linear dimensions and surfaces of elongated objects. Bag included.



Electronic level

Lamigo PL60C

The electronic level allows the precise measurement of the angles shown on the readable screen. The device is ready to use right after startup, no calibration required.

Length: 60 cm
Accuracy for 0° and 90° angles: 0,05°
Other angles accuracy: 0,2°
Working range: 4x90°
Spirit vial accuracy: 0,5mm/m
Working temperature: 0°C to +50°C
Working time: 100h



Electronic level

Lamigo Mini 150

Mini level of 15cm in length, equipped with electronic module. It is made of aluminum profile with a milled groove to place the device on the pipe. Allows to measure slopes in degrees and percentage. The set includes a hard carry case for carrying the instrument.

Angle measuring range: 0° to 360°
Accuracy for 0° and 90° angles: $\pm 0,05^\circ$
Accuracy for 1° to 89° angles: $\pm 0,15^\circ$
Working temperature: 0°C to +50°C
Sound signal for 0° and 90° angles



Electronic inclinometer

Lamigo PE180B

Lamigo PE180B electronic inclinometer with magnets is used for setting steel elements. It can also be used to set the angle of the cutting plane, for example, for circular saws. Angle measurement is in the range of 0° to 360° (4 x 90°). The accuracy of the measurement is $\pm 0.1^\circ$. The device has a built-in magnet. The current quadrant of measurement is visible on a clear LCD screen.



Electronic protractor

Lamigo KE45

An electronic protractor enables the measurement of angles. It can be used for angle saws and metal and wooden constructions.

Accuracy: 0,1°

Measuring range: 0°-225°

Spirit vial accuracy: 1mm/m

Working temperature: -10°C to +50°C

Working time: 100h



Electronic protractor

Lamigo KE23

Protractor based on the latest trends, enclosed in an ergonomic housing. The angle measurement takes place at full 360° with a resolution of 0.05°. The steel arm can be locked in any position. The accuracy of the measurement is $\pm 0.1^\circ$. The current measurement quadrant is visible on a readable LCD screen. The device enables absolute and relative measurement (angle measurement from arbitrarily selected surfaces). The HOLD function is used to store the displayed value.



Double right angle prism

Double right angle prism for target sighting. Robust metal housing and rotating cover effectively protect prisms from damage. A yellow eyeglass plate to aim at a perpendicular target makes it easy to observe.

