



Precision and Functionality

Range for 2010:
Professional blue measuring tools
for professionals from professionals



BOSCH
Invented for life

Your success is our goal



We live in turbulent times when ever greater demands are constantly being put on industry and the building trade. Increasingly complex construction projects have to be implemented quickly, precisely and reliably. To meet these demands, you are naturally going to demand the most from your measuring tools. We see this both as an incentive and an obligation.

Bosch offers you a wider product range and many innovations, the aim of which is to give you tools that will enable you to confront these new challenges even better. We have assembled a team of experts specifically for this purpose, which works closely with trade and industry to develop new solutions.

Measuring tools from Bosch are **developed for professionals**. This means that for years Bosch has been working very closely with tradesmen, surveyors and planners in the development of its new measuring tools. An example of this is the GLM 250 VF Professional that sets standards in performance and functionality.

Measuring tools from Bosch are **tested by professionals**. All professional blue measuring tools are tested in extreme conditions by professionals – be it on major construction sites, in stadium construction and in the most adverse weather conditions.

The professional blue measuring tools from Bosch are consistently developed for your success. Our goal is **Precision – made easy** with convincing solutions for professionals from professionals.

Yours sincerely,

A handwritten signature in black ink that reads "Claus Kemmer".

Claus Kemmer
Measuring Technology business unit
Marketing & Sales Director
Europe & Asia Pacific

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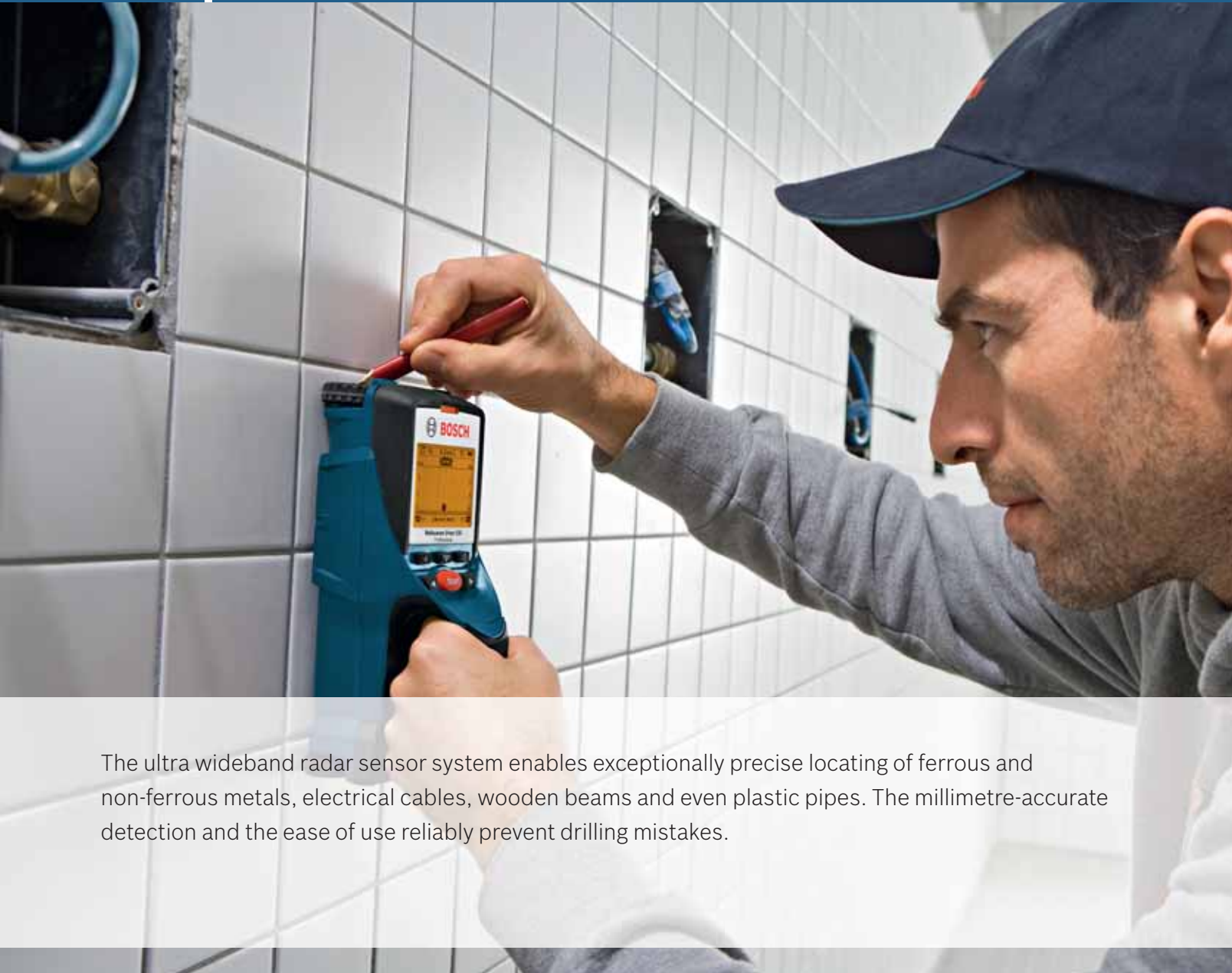
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Construction	Interior decoration	Kitchen/Shop fitting	Locksmith/Metal fitting	Joiner	Exhibition fitting	Electrician	Heating, Sanitary, Air conditioning	Composition floor layer	Tiler	Prefabricated construction	Plasterer	Painter	Renovation	Decorator	Architect	Estate agent	LR 1 Laser Receiver	LR 2 Laser Receiver	BLE 200 High Performance Receiver	RC 1 Remote Control	BLR 10 Remote Control	BS 150 Building Tripod	BT 160 Building Tripod	BT 170 HD Building Tripod	BT 300 HD Building Tripod	BT 350 Telescopic Tripod	GR 240 Cut & Fill Rod	GR 500 Levelling Staff	WM 4 Wall Mount	Wall Mount	BM 1 Universal Mount				
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● Ideal ○ Possible ●* With adapter

1

Detectors from Bosch

detect materials with absolute reliability



The ultra wideband radar sensor system enables exceptionally precise locating of ferrous and non-ferrous metals, electrical cables, wooden beams and even plastic pipes. The millimetre-accurate detection and the ease of use reliably prevent drilling mistakes.

Detectable materials

	Cavities	Plastic pipes	Live cables	Iron	Non-ferrous metals	Wood
Measuring depth Wallscanner D-tect 150 Professional	6 cm	8 cm	6 cm	15 cm	15 cm	4 cm
Measuring depth DMF 10 Zoom Professional	–	–	5 cm	10 cm	8 cm	2 cm

Wallscanner D-tect 150 Professional

The future of detection technology –
Precision of the highest order

- ▶ Ultra wideband radar sensor system for millimetre-accurate detection of ferrous/non-ferrous metals, electrical cables, wooden beams and plastic pipes such as floor and wall heating pipes
- ▶ Precise detection of reinforcing steel in concrete up to 15 cm deep
- ▶ Digital display of material properties and maximum permitted drilling depth



DMF 10 Zoom Professional

High safety when drilling

- ▶ Zoom function for even more accurate locating, therefore minimising drilling mistakes
- ▶ Locates not only metal but also wooden substructures as well as live and non-live cables
- ▶ Indicates voltage via a high-resolution 5-segment display



	D-tect 150 Professional	DMF 10 Zoom Professional
Part number	0 601 010 005	0 601 010 000
Comes complete with	4 x 1.5 V (AA) batteries, protective pouch	1 x 9 V battery, protective pouch, pencil
Detectable materials	Plastic, ferrous metals, non-ferrous metals, wooden substructures, power cables	Ferrous metals, non-ferrous metals, wooden substructures, power cables
Max. detection depth	150 mm	100 mm
Dust and splash protection	IP 54	–
Dimensions (L/W/H)	220 x 97 x 120 mm	204 x 83 x 30 mm
Weight	0.7 kg	0.24 kg

Even more power and precision with the right accessory

Accessories

for

LR 2 Laser Receiver

- ▶ Handy receiver for indoor and outdoor use for ranges of up to 50 m
- ▶ Alignment of the laser beam plane, visual (display and LEDs) and acoustic signals, for working in various lighting conditions
- ▶ Top-mounted magnets for better fixing



GLL 3-80 P
Professional



GLL 2-80 P
Professional



GLL 2-50
Professional

LR 1 Laser Receiver

- ▶ Handy receiver for indoor and outdoor use for ranges of up to 150 m in combination with GRL 300 HV Professional Rotation Laser
- ▶ Visual and acoustic alignment of the laser beam plane
- ▶ Dust and splash protection (IP54)



GRL 300 HV Professional

BLE 200 High Performance Receiver

- ▶ Handy receiver for outdoor and indoor use for ranges of up to 200 m
- ▶ Visual and acoustic indication of laser beam plane
- ▶ Integrated light filter switching for sunlight or artificial light



BL 200 GC Professional

Robust and reliable:

Tripods and mounts from Bosch



BM 1 Professional
Universal Mount



BT 350 Professional
Telescopic Pole



WM 4 Professional
Wall Mount



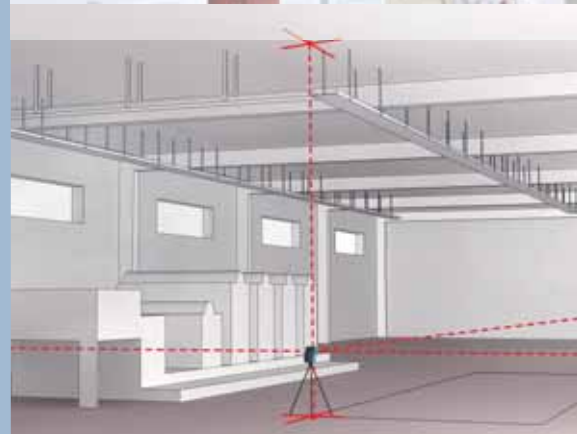
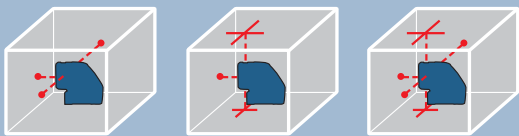
BS 150 Professional
Building Tripod



GPL 5 C Professional

Transferring and aligning
in record-breaking time

- ▶ Self-levelling within 4 seconds up to 4° incline, acoustic warning (can be switched off) if out-of-level
- ▶ Easy to use due to self-explanatory operating switch for selecting different projection patterns
- ▶ Robust for use on the construction site due to dust and splash protection of IP54
- ▶ Available with universal mount for fixing to objects by means of a magnet (metal) or a screw connection (wood)



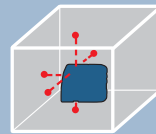
GPL 5 C Professional

Part number	0 601 066 300	0 601 066 301	0 601 066 302
Comes complete with	Laser target, 4 x 1.5 V (AA) batteries, protective pouch	Laser target, 4 x 1.5 V (AA) batteries, BS 150 Tripod, protective pouch	Laser target, 4 x 1.5 V (AA) batteries, carrying case, BM 1 Universal Mount
Working range of laser points	30 m horizontal, 10 m (top)/5 m (bottom) vertical		
Working range of laser crosses	7 m (top), 3 m (bottom)		
Accuracy	± 0.2 mm/m horizontal, ± 0.25 mm/m vertical		
Self-levelling range	Up to ± 4°		
Laser diode/class	635 nm/< 1 mW/2		
Dust and splash protection	IP54		
Operating time, max.	20 h (in 3-point mode), 9 h (in 5-point and cross-line mode)		
Dimensions (L/W/H)	146 x 57 x 119 mm		
Weight	0.6 kg		

GPL 5 Professional

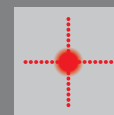
Highly compact 5-point laser –
For easy transfer of right angles

- ▶ Self-levelling 5-point horizontal and plumb laser for indoor work
- ▶ For precise transfer of right angles and reference points from the floor to the ceiling
- ▶ Easy handling due to its very compact size
- ▶ Wide variety of fixing possibilities using the universal mount



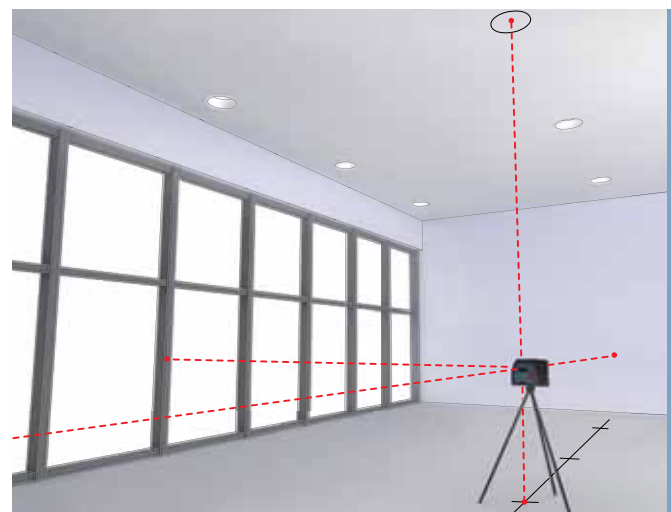
Crosshair laser technology

The unique crosshair laser grid ensures optimum visibility of the laser point at medium and longer distances.



GPL 5 Professional

Part number	0 601 066 200
Comes complete with	3 x 1.5 V (AA) batteries, BM 1 Universal Mount, protective pouch
Working range	30 m
Accuracy	± 0.3 mm/m
Self-levelling range	± 5° transverse axis, ± 3° longitudinal axis
Laser diode/class	635 nm/< 1 mW/2
Dust and splash protection	IP5X
Operating time, max.	24 h
Dimensions (L/W/H)	104 x 40 x 80 mm
Weight	0.25 kg

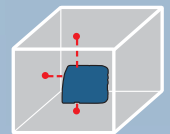


GPL 3 Professional

Highly compact 3-point laser –
Ideal for plumb point transfer

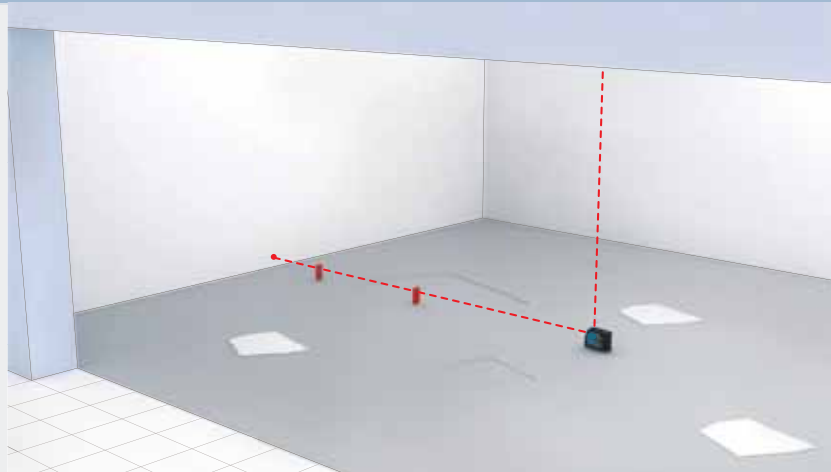


- ▶ Self-levelling 3-point horizontal and plumb laser for indoor work
- ▶ Enables precise transfer of a reference point from the floor to the ceiling
- ▶ Easy handling due to its very compact size
- ▶ Wide variety of fixing possibilities using the universal mount



Tested by professionals:

“The GPL 3 Professional is ideal for fast and millimetre-accurate calculation of uneven areas on floors.”



GPL 3 Professional

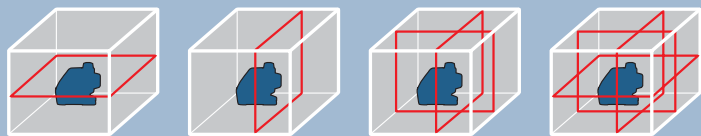
Part number	0 601 066 100
Comes complete with	3 x 1.5 V (AA) batteries, BM 1 Universal Mount, protective pouch
Working range	30 m
Accuracy	± 0.3 mm/m
Self-levelling range	± 5° transverse axis, ± 3° longitudinal axis
Laser diode/class	635 nm/< 1 mW/2
Dust and splash protection	IP5X
Operating time, max.	24 h
Dimensions (L/W/H)	104 x 40 x 80 mm
Weight	0.25 kg

GLL 3-80 P Professional

The multifunctional line laser with 3 x 360° for all indoor applications



- ▶ One horizontal and 2 vertical 360° lines enable many new applications for simultaneous marking, alignment and levelling indoors
- ▶ Self-levelling (4° in 4 sec), very precise (± 0.2 mm/m) and range of up to 80 m with receiver
- ▶ Compact, easy-to-handle and extremely robust (IP54)



GLL 3-80 P Professional

Available from first half of 2010

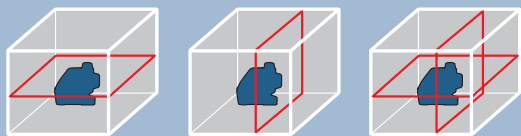
Part number	0 601 063 301	0 601 063 302	0 601 063 303
Comes complete with	4 x 1.5 V (AA) batteries, BS 150 Building Tripod, protective pouch	4 x 1.5 V (AA) batteries, BM 1 Universal Mount, carrying case	4 x 1.5 V (AA) batteries, BM 1 Universal Mount, LR 2 Receiver, carrying case
Working range Ø	80 m (with receiver), 40 m (without receiver)		
Accuracy	± 0.2 mm/m		
Self-levelling range	Up to $\pm 4^\circ$		
Laser diode/class	640 nm / < 1 mW/2		
Dust and splash protection	IP54		
Operating time, max.	23 h in 1-line mode		
Dimensions (L/W/H)	159 x 75 x 141 mm		
Weight	0.76 kg		

GLL 2-80 P Professional

Levelling in 2 x 360° – Faster and easier than ever



- ▶ High work efficiency: simultaneous performance of horizontal and vertical levelling applications in the entire room with only one tool
- ▶ Large working range: precise work in a diameter of up to 80 m using the LR 2 Professional Receiver
- ▶ Easy handling: self-levelling up to 4° within 4 seconds, compact design



GLL 2-80 P Professional

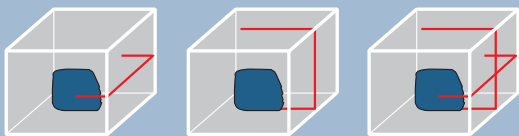
Part number	0 601 063 201	0 601 063 202	0 601 063 203
Comes complete with	Laser target, 4 x 1.5 V (AA) batteries, BS 150 Building Tripod, protective pouch	Laser target, 4 x 1.5 V (AA) batteries, BM 1 Universal Mount, carrying case	Laser target, 4 x 1.5 V (AA) batteries, BM 1 Universal Mount, LR 2 Receiver, 1 x 9 V battery, carrying case
Working range Ø	80 m (with receiver), 40 m (without receiver)		
Accuracy	± 0.2 mm/m		
Self-levelling range	Up to ± 4°		
Laser diode/class	640 nm/< 1 mW/2		
Dust and splash protection	IP 54		
Operating time, max.	18 h in 1-line mode		
Dimensions (L/W/H)	158 x 54 x 141 mm		
Weight	0.68 kg		

GLL 2-50 Professional

Precise lines, high visibility



- ▶ Self-levelling horizontal and vertical pendulum line laser for quick alignment of lines
- ▶ High visibility of the laser lines with a working range of 20 m (without receiver)
- ▶ Extremely precise with an accuracy of ± 3 mm at a distance of 10 m



Studies conducted by the University of Cantabria

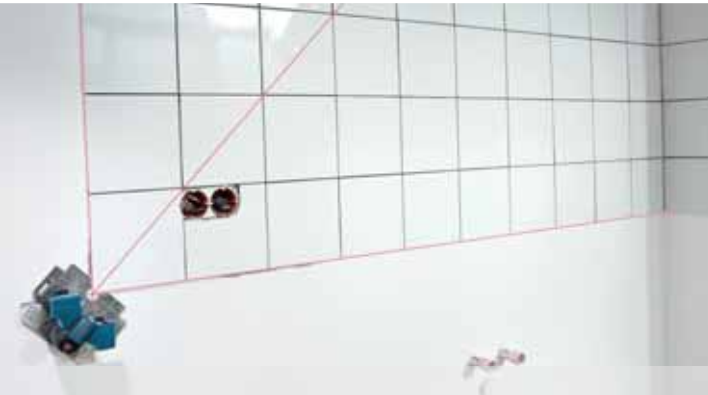
show that at a working range of 20 m at 60,000 lux the GLL 2-50 Professional projects more precise lines than all other line lasers available on the market.

GLL 2-50 Professional

Part number	0 601 063 101	0 601 063 102	0 601 063 103
Comes complete with	Alignment disc, 3 x 1.5 V (AA) batteries, BS 150 Building Tripod, protective pouch	3 x 1.5 V (AA) batteries, BM 1 Universal Mount, carrying case	3 x 1.5 V (AA) batteries, BM 1 Universal Mount, LR 2 Receiver, 1 x 9 V battery, carrying case
Working range	50 m (with receiver), 20 m (without receiver)		
Accuracy	± 0.3 mm/m		
Self-levelling range	Up to $\pm 4^\circ$		
Laser diode/class	635 nm / < 1 mW/2		
Dust and splash protection	IP54		
Operating time, max.	12 h		
Dimensions (L/W/H)	118 x 57 x 89 mm		
Weight	0.45 kg		

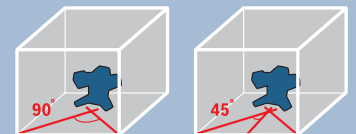
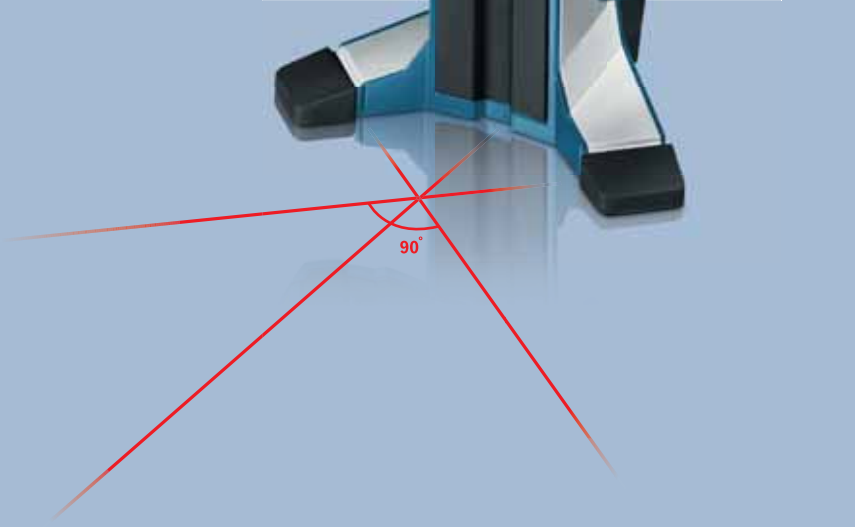
GTL 3 Professional

Fast tiling due to additional line at 45°



Tested by professionals:

“The additional 45° line is the perfect aid for precise work, particularly renovations and refurbishment of old buildings. I was also impressed by the range of the GTL 3 Professional.”



- ▶ In addition to the two laser lines at a 90° angle, it projects a third line at 45° for precise and fast alignment and laying of wall and floor tiles
- ▶ High accuracy of 0.2 mm/m
- ▶ Compact and lightweight design for optimum ease of use

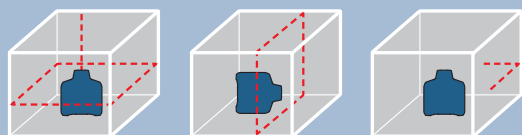
GTL 3 Professional

Part number	0 601 015 200
Comes complete with	Laser target, alignment disc, 4 x 1.5 V (AA) batteries, protective pouch
Working range with target	20 m
Angular accuracy (0° to 90° angles)	± 0.2 mm/m
Laser diode/class	635 nm/< 1 mW/2
Dust and splash protection	IP54
Operating time, max.	18 h in 2-line mode
Dimensions (L/W/H)	156 x 102 x 98 mm
Weight	0.5 kg

GRL 300 HV Professional

Easy to operate
with horizontal
and vertical self-levelling

- ▶ Easy to operate thanks to single-button function and self-explanatory display
- ▶ Easy to set up in both the horizontal and vertical modes due to automatic self-levelling ($\pm 5^\circ$)
- ▶ Safe working thanks to shock warning function in the event of shocks



RC 1 Professional
Remote Control



LR 1 Professional
Laser Receiver



GRL 300 HV Professional

Part number	0 601 061 501
Comes complete with	1 x battery pack/charger, LR 1 Receiver, RC 1 Remote Control, WM 4 Wall Mount
Working range Ø with receiver	300 m
Accuracy	± 0.1 mm/m
Self-levelling range	Up to $\pm 8\%$ ($\pm 5^\circ$)
Rotation speed	150, 300, 600 rpm
Dust and splash protection	IP 54
Operating time, max.	40 h
Dimensions (L/W/H)	170 x 183 x 186 mm
Weight	1.8 kg

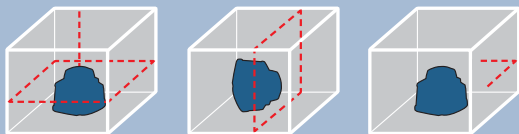
Precision even over long distances

The GRL 300 HV can be used up to a diameter of 300 m outdoors with a receiver, and this with a precision of 0.1 mm/m.

BL 200 GC Professional

The robust tool for any construction site

- ▶ Ideal for use outdoors and in bad weather thanks to robust dust and splash protection (IP66) and prism cover
- ▶ Powerful receiving lens and BLE 200 Professional Receiver for levelling up to 200 m
- ▶ Extremely precise (1 mm/20 m) for accurate working, even over long distances



BLE 200 Professional
High Performance Receiver



BLR 10 Professional
Remote Control



BL 200 GC Professional

Part number	0 601 015 000
Comes complete with	1 x battery pack/charger, BLE 200 Receiver, BLR 10 Remote Control
Working range Ø with receiver	400 m
Accuracy	± 0.05 mm/m
Self-levelling range	± 8% (± 5°)
Rotation speed	10, 50, 200, 600 rpm
Laser class	3R
Operating time, max.	30 h
Dust and splash protection	IP66
Dimensions (L/W/H)	211 x 180 x 190 mm
Weight	3 kg

High functionality

Plumb beam and reference beam allow for fast alignment. The tool can be set to point, line or rotation mode to provide optimum visibility.

3

Optical Level from Bosch: precise and extremely robust

The optical level from Bosch excels due to its high precision and great reliability. The tried-and-tested tripods make levelling easier and are easily, very precisely and reliably set, which makes them perfect for use in tough conditions on the construction site.



GOL 26 D Professional

Extremely robust for outdoor use

- ▶ Designed for outdoor use due to sturdy metal housing with dust and splash protection (IP54)
- ▶ Robust design with built-in target collimator and integrated circular vial
- ▶ Carrying case with compensator lock for safe transport



GOL 26 D Professional

Part number	0 601 068 000
Comes complete with	Lens cover, Plumb bob, Allen key, Adjusting pin, Carrying case
Unit of measure	360 degrees
Angular accuracy	1 degree
Working range	Up to 100 m
Magnification	26x
Levelling accuracy	1.6 mm at 30 m
Dust and splash protection	IP 54
Dimensions (L/W/H)	215 x 135 x 145 mm
Weight	1.7 kg



4

Laser Rangefinders from Bosch: more range, more functionality



Maximum precision

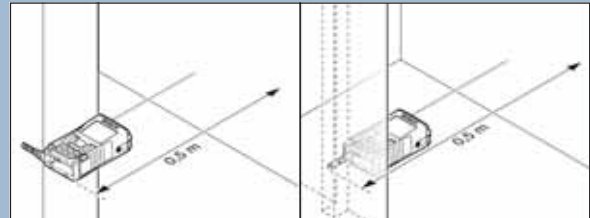
over the entire lifetime due to tough ceramic optics carrier.



Maximum measurement performance

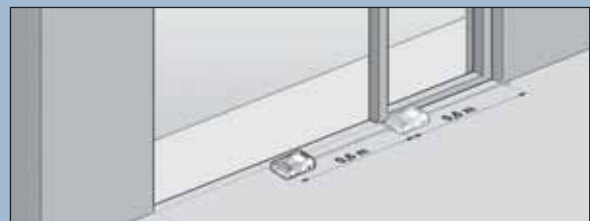
even in adverse lighting conditions, due to large glass lens.

Laser Rangefinders from Bosch achieve the best scores in every performance segment. They have a wall area function up to a range of 70 m and additional functions and features in the 150 m and 250 m performance segments, which include partial height measurement and calculation of the heights of buildings from every imaginable position.



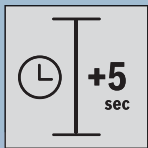
Multifunctional measuring pin

with 2 fixed locking positions at 90° and 180° for precise measurements in all situations. The 90° locking position is for measurements from corners and the 180° locking position is for measurements from outer walls and edges.



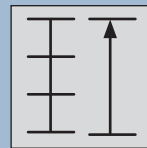
Stake-out function

for marking repetitive distances.



Timer function

for delayed measurement from hard-to-reach areas when the laser rangefinder cannot be prevented from moving when the button is pressed.



Combined
Pythagoras
measurement

Trapezium
function

Wall area
function

Timer
function

Stake-out
function

Addition of
measured
values

Subtraction of
measured
values

Memory
function

Con-
tinuous
laser

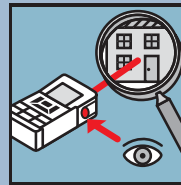
Telescopic
view-
finder

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* Can be combined with other functions.

GLM 250 VF Professional

The laser rangefinder with the longest range



Integrated telescopic viewfinder

for optimum visibility of the laser point up to a distance of 250 m

- ▶ Maximum measurement performance and precision, even in adverse lighting conditions, due to large glass lens and ceramic optics carrier
- ▶ Numerous easy-to-operate measurement functions for fast and accurate calculation of distances, areas and volumes
- ▶ Robust for use on the construction site due to dust and splash protection of IP54



Tested by professionals:

“We deal with long distances in stadium construction. The integrated telescopic viewfinder works perfectly even in adverse lighting conditions.”



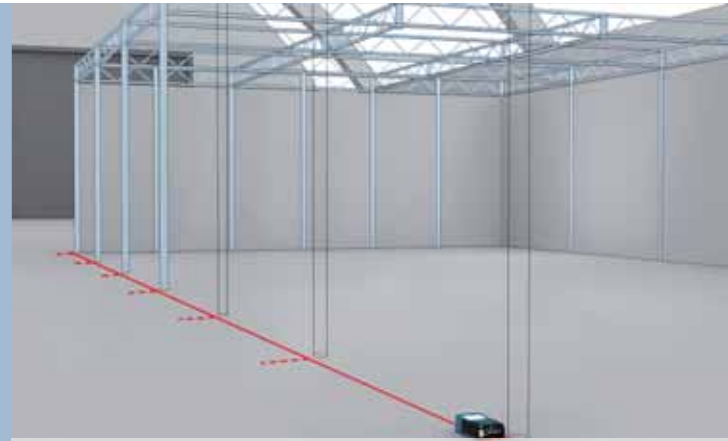
GLM 250 VF Professional

Part number	0 601 072 170
Comes complete with	4 x 1.5 V (AAA) batteries, carrying strap, protective pouch
Integrated telescopic viewfinder	Yes
Measuring range	0.05–250 m
Measuring accuracy	± 1.0 mm
Battery lifetime, approx.	
- Individual measurements	30,000
- Continuous measurement	5 h
Dust and splash protection	IP54
Dimensions (L/W/H)	120 x 66 x 37 mm
Weight	0.24 kg



GLM 150 Professional

More functionality and convenience for indoor work



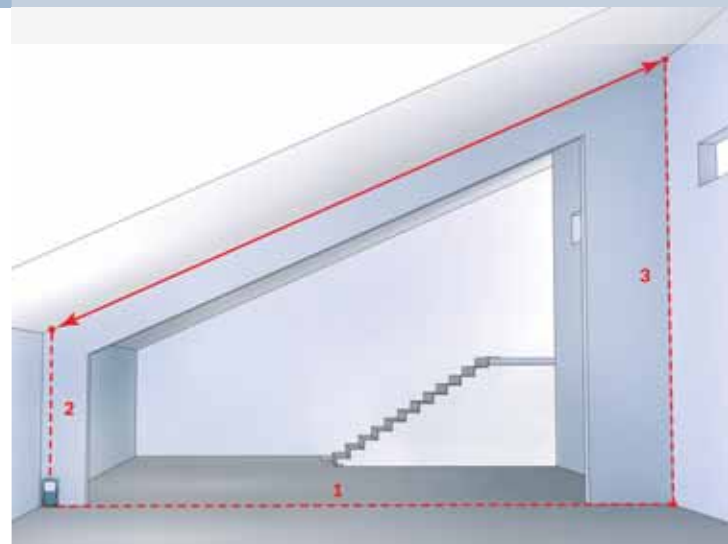
- ▶ New functions such as partial height measurement, height calculation and roof slope measurement
- ▶ Millimetre-accurate measurement of areas, volumes and distances up to 150 m
- ▶ Easy handling, intuitive user interface and large, concise 4-line display

Tested by professionals:

“Speed is what counts in exhibition fitting. The GLM 150 Professional is intuitive to handle and masters all important measuring functions.”

GLM 150 Professional

Part number	0 601 072 070
Comes complete with	4 x 1.5 V (AAA) batteries, carrying strap, protective pouch
Measuring range	0.05–150 m
Measuring accuracy	± 1.0 mm
Battery lifetime, approx.	
- Individual measurements	30,000
- Continuous measurement	5 h
Dust and splash protection	IP 54
Dimensions (L/W/H)	120 x 66 x 37 mm
Weight	0.24 kg



DLE 70 Professional

Precise measurement at top speed



- ▶ Modern laser technology for precise measurement up to 70 metres
- ▶ Measures up to ten times faster using wall area, minimum and maximum functions
- ▶ Tool fits into any shirt pocket

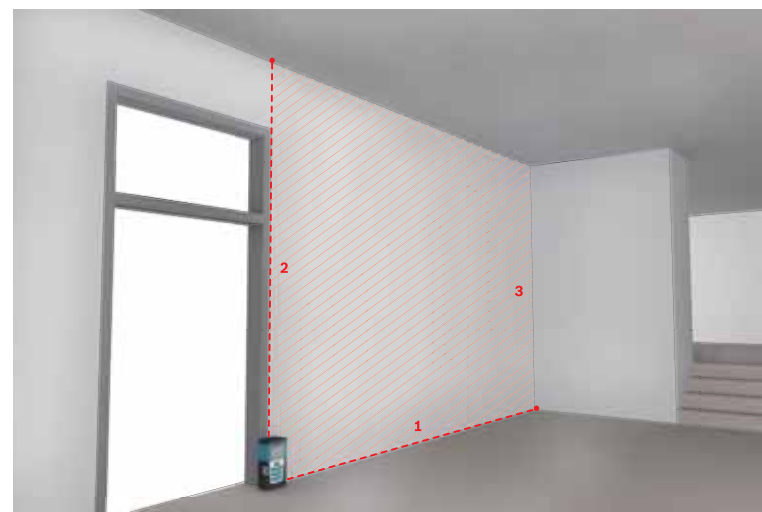


Minimum/maximum function:

The minimum/maximum function is a continuous measurement function for determining the shortest or longest distance from a measuring point. It enables, for example, accurate measurement of room diagonals and provides the initial values for installations in rooms with sloping walls.

DLE 70 Professional

Part number	0 601 016 670
Comes complete with	4 x 1.5 V (AAA) batteries, carrying strap, protective pouch
Measuring range	0.05–70 m
Measuring accuracy	± 1.5 mm
Battery lifetime, approx.	
- Individual measurements	30,000
- Continuous measurement	5 h
Dust and splash protection	IP54
Dimensions (L/W/H)	100 x 59 x 32 mm
Weight	0.18 kg



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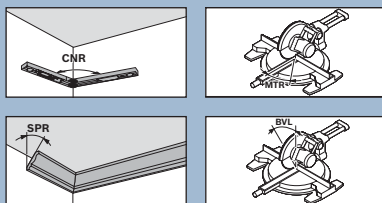
Angle Measurers and Inclinometers from Bosch: precise measurement, transfer and easy alignment



Ideal for precise measurement of inclines, horizontals or angles from 0° to 360°. These tools are impressively easy to operate in every application: acoustic signal transmitters, memory and calculation functions, and displays that can be read overhead all serve to make work easier.

GAM 220 MF Professional Precise mitre angles at the press of a button

- ▶ Automatic calculation of single and double mitre angles without any other tools
- ▶ Rapid calculation and transfer of angles by means of memory function for frequently used angle dimensions
- ▶ Including arm extension for measuring in hard-to-reach areas



Fast calculation of single and double mitre angles, and measurement of corner and incline angles



DWM 40 L Professional

Exceptionally accurate angle measurement

- ▶ Faster, more precise and more efficient calculation of angles
- ▶ Exact transfer of angles onto workpieces: extremely high, lasting accuracy due to integrated, wear-free and temperature-independent precision angle sensor



DNM 60 L/120 L Professional

Robust inclinometer

- ▶ Measures angles in ° and inclines in % or mm/m
- ▶ Direction arrows display the deviation to the horizontal or vertical
- ▶ Acoustic signal transmitter at 0° and 90° for easy alignment



	GAM 220 MF Professional	DWM 40 L Professional	DWM 40 L Set Professional	DNM 60 L Professional	DNM 120 L Professional
Part number	0 601 076 200	0 601 096 603	0 601 096 663	0 601 014 000	0 601 014 100
Comes complete with	Arm extension, 4 x 1.5 V (AA) batteries, protective bag	4 x 1.5 V (AA) batteries	Arm extension, 4 x 1.5 V (AA) batteries, protective bag	1 x 9 V battery, protective bag	1 x 9 V battery, protective bag
Measuring range	0°–220° (angles)	0°–220° (angles)	0°–220° (angles)	0°–360° (4 x 90° inclines)	0°–360° (4 x 90° inclines)
Measuring accuracy					
Angle/Vial	± 0.1°/± 0.05°	± 0.1°/± 0.05°	± 0.1°/± 0.05°	–/± 0.05°	–/± 0.05°
Electronics 0°/90°				± 0.05°	± 0.05°
Electronics 1°–89°				± 0.2°	± 0.2°
Dimensions (L/W/H)	432 x 35 x 61 mm	432 x 35 x 61 mm	432 x 35 x 61 mm	600 x 25 x 60 mm	1,200 x 25 x 60 mm
Weight	1.1 kg	1.1 kg	1.1 kg	0.7 kg	1.3 kg

Technical Specifications at a glance

Detectors	Max. detection depth	Detectable materials	IP protection class	Power supply	Weight	Dimensions (L/W/H)	Page
	Wallscanner D-TECT 150 Professional	150 mm	Plastic, ferrous metals, non-ferrous metals, wooden substructures, power cables	IP 54	4 x 1.5 V (AA)	0.7 kg	220 x 97 x 120 mm
DMF 10 Zoom Professional	100 mm	Ferrous metals, non-ferrous metals, wooden substructures, power cables	-	1 x 9 V 6LR61	0.24 kg	204 x 83 x 30 mm	7

Point Lasers	Working range of laser points	Working range of laser crosses	Accuracy	Self-levelling range	IP protection class	Power supply	Tripod mount	Weight	Dimensions (L/W/H)	Page
	GPL 5 C Professional	30 m	7 m top, 3 m bottom	± 0.2 mm/m	± 4°	IP 54	4 x 1.5 V LR6 (AA)	1/4", 5/8"	0.6 kg	146 x 57 x 119 mm
GPL 5 Professional	30 m	-	± 0.3 mm/m	± 3°	IP5X	3 x 1.5 V LR6 (AA)	1/4", 5/8"	0.25 kg	104 x 40 x 80 mm	11
GPL 3 Professional	30 m	-	± 0.3 mm/m	± 3°	IP5X	3 x 1.5 V LR6 (AA)	1/4", 5/8"	0.25 kg	104 x 40 x 80 mm	12

Line Lasers	Working range Ø with receiver	Angular accuracy (0° to 90° angles)	Levelling accuracy	Self-levelling range	IP protection class	Power supply	Tripod mount	Weight	Dimensions (L/W/H)	Page
	GLL 3-80 P Professional	80 m	-	± 0.2 mm/m	± 4°	IP 54	4 x 1.5 V LR6 (AA)	1/4", 5/8"	0.76 kg	159 x 75 x 141 mm
GLL 2-80 P Professional	80 m	-	± 0.2 mm/m	± 4°	IP 54	4 x 1.5 V LR6 (AA)	1/4", 5/8"	0.68 kg	158 x 54 x 141 mm	14
GLL 2-50 Professional	50 m*	-	± 0.3 mm/m	± 4°	IP 54	3 x 1.5 V LR6 (AA)	1/4"	0.45 kg	118 x 57 x 89 mm	15
GTL 3 Professional	20 m*	± 0.2 mm/m	-	-	IP 54	4 x 1.5 V LR6 (AA)	-	0.50 kg	156 x 102 x 98 mm	16

* Radius

IP protection classes:

IP54 = Protection against harmful dust deposits. The intrusion of dust is not prevented completely, but the functioning of the device must not be compromised (dust-protected). Protection against water coming from all directions (splashing).

IP66 = Protection against dust intrusion (dustproof). Protection against heavy seas or strong water jets.

Rotation Lasers	Working range Ø with receiver	Accuracy	Self-levelling range	IP protection class	Power supply	Tripod mount	Weight	Dimensions (L/W/H)	Page
GRL 300 HV Professional	300 m	± 0.1 mm/m	± 8% (± 5°)	IP 54	2 x 1.2 V KR20 (D) (NiMH batteries), 2 x 1.5 V LR20 (mono cells)	5/8"	1.8 kg	170 x 183 x 186 mm	17
BL 200 GC Professional	400 m	± 0.05 mm/m	± 8% (± 5°)	IP 66	4 x 1.2 V NiMH (D)	5/8"	3 kg	211 x 180 x 190 mm	18

Optical Level	Working range	Unit of measure	Magnification	IP protection class	Levelling accuracy	Tripod mount	Weight	Dimensions (L/W/H)	Page
GOL 26 D Professional	100 m	360 degrees	26x	IP 54	1.6 mm at 30 m	5/8"	1.7 kg	215 x 135 x 145 mm	19






Range-finders	Measuring range	Measuring accuracy	Memory values	Integrated telescopic viewfinder	IP protection class	Power supply	Tripod mount	Weight	Dimensions (L/W/H)	Page
GLM 250 VF Professional	0.05–250 m	± 1 mm	30	Yes	IP 54	4 x 1.5 V LR03 (AAA)	1/4"	0.24 kg	120 x 66 x 37 mm	21
GLM 150 Professional	0.05–150 m	± 1 mm	30	–	IP 54	4 x 1.5 V LR03 (AAA)	1/4"	0.24 kg	120 x 66 x 37 mm	22
DLE 70 Professional	0.05–70 m	± 1.5 mm	1	–	IP 54	4 x 1.5 V LR03 (AAA)	1/4"	0.18 kg	100 x 59 x 32 mm	23

Angle Measurers and Inclinometers	Working range	Measuring accuracy	Power supply	Weight	Dimensions (L/W/H)	Page
GAM 220 MF Professional	0°–220° (angles)	± 0.1°/0.05° (angle/vial)	4 x 1.5 V LR6 (AA)	1.1 kg	432 x 35 x 61 mm	24
DWM 40 L Professional	0°–220° (angles)	± 0.1°/0.05° (angle/vial)	4 x 1.5 V LR6 (AA)	1.1 kg	432 x 35 x 61 mm	25
DNM 60 L Professional	0°–360° (4 x 90° inclines)	± 0.05° (Electronics 0°/90°)/ ± 0.2° (Electronics 1°-89°)	1 x 9 V 6LR61	0.7 kg	600 x 25 x 60 mm	25
DNM 120 L Professional	0°–360° (4 x 90° inclines)	± 0.05° (Electronics 0°/90°)/ ± 0.2° (Electronics 1°-89°)	1 x 9 V 6LR61	1.3 kg	1,200 x 25 x 60 mm	25

Accessories Specifications at a glance




Laser receivers/ Remote controls		Range	Measuring accuracy (fine/rough)	Power supply	IP protection class	Weight	Suitable for	Part number
	LR 1 Professional Laser Receiver	0–150 m	1 mm/ 3 mm	1 x 9 V 6LR61	IP54	0.36 kg	GRL 300 HV Professional	0 601 015 400
	LR 2 Professional Laser Receiver	5–50 m	1 mm/ 3 mm	1 x 9 V 6LR61	IP54	0.20 kg	GLL 3-80 P; GLL 2-80 P; GLL 2-50 Professional	0 601 069 100
	BLE 200 Professional High Performance Receiver	0–200 m	1 mm/ 3 mm	2 x 1.5 V LR6 (AA)	IP66	0.21 kg	BL 200 GC Professional	0 601 017 101
	RC 1 Professional Remote Control	0–30 m	–	1 x 1.5 V LR6 (AA)	–	0.069 kg	GRL 300 HV Professional	0 601 069 300
	BLR 10 Professional Remote Control	0–30 m	–	1 x 9 V 6LR61	–	0.120 kg	BL 200 GC Professional	0 601 096 961

Building tripods

		Work height	Tripod thread	Weight	Suitable for	Part number
	BS 150 Professional Building Tripod	52–147 cm	1/4"	1.0 kg	GPL 5 C; GPL 5; GPL 3; GLL 3-80 P; GLL 2-80 P; GLL 2-50; GLM 250 VF; GLM 150; DLE 70 Professional	0 601 096 974
	BT 160 Professional Building Tripod	97–160 cm	5/8" x 11	4.1 kg	GPL 5 C; GPL 5; GPL 3; GLL 3-80 P; GLL 2-80 P; GRL 300 HV; BL 200 GC; GOL 26 D Professional With adapter: GLL 2-50; GLM 250 VF; GLM 150; DLE 70 Professional	0 601 091 200
	BT 170 HD Professional Building Tripod	107–165 cm	5/8" x 11	5.5 kg	GPL 5 C; GPL 5; GPL 3; GLL 3-80 P; GLL 2-80 P; GRL 300 HV; BL 200 GC; GOL 26 D Professional With adapter: GLL 2-50; GLM 250 VF; GLM 150; DLE 70 Professional	0 601 091 300
	BT 300 HD Professional Building Tripod	122–295 cm	5/8" x 11	7.2 kg	GPL 5 C; GPL 5; GPL 3; GLL 3-80 P; GLL 2-80 P; GRL 300 HV; BL 200 GC; GOL 26 D Professional With adapter: GLL 2-50; GLM 250 VF; GLM 150; DLE 70 Professional	0 601 091 400
	Tripod adapter	–	–	–	GLL 2-50; GLM 250 VF; GLM 150; DLE 70 Professional	1 609 203 C10

Accessories Specifications at a glance

Wall mounts/ Measuring plates/ Others			Weight	Suitable for	Part number
	Wall mount	<ul style="list-style-type: none"> Suitable for mounting the laser levels on a wall and for aligning the horizontal line and vertical line on a tripod 	–	BL 200 GC Professional	2 607 001 277
	WM 4 Professional Wall Mount	<ul style="list-style-type: none"> Versatile fixing of the mount Height adjustment with locking device for safe and precise alignment 	0.7 kg	GRL 300 HV Professional Ideal also in combination with the BT 350 Professional Telescopic Pole	0 601 092 400
	BM 1 Professional Universal Mount	<ul style="list-style-type: none"> Versatile fixing of the mount Height adjustment with locking device for safe and precise alignment 	0.5 kg	GPL 5 C; GPL 5; GPL 3; GLL 3-80 P; GLL 2-80 P; GLL 2-50 Professional Ideal also in combination with the BT 350 Professional Telescopic Pole	0 601 015 A00
	Ceiling plate	<ul style="list-style-type: none"> Suitable for improving the visibility of the laser beam Including magnet for direct mounting 	–	All laser measuring tools	2 607 001 301
	Measuring plate	<ul style="list-style-type: none"> Suitable for better alignment of the laser and as a marking aid for transferring the laser beam to walls and floors 	–	All laser measuring tools	2 607 002 195
	Laser target	<ul style="list-style-type: none"> Suitable for better reflection of the laser beam, for example when measuring outdoors in bright sunlight 	–	GLM 250 VF; GLM 150; DLE 70 Professional	2 607 001 391
	Laser viewing glasses	<ul style="list-style-type: none"> Improve the visibility of the laser beam, therefore making it easy to work in adverse lighting conditions 	–	All laser measuring tools	2 607 990 031
	Incline wedge	<ul style="list-style-type: none"> For fast and precise levelling on inclines 	–	BL 200 GC Professional	2 607 001 959
	Arm extension	<ul style="list-style-type: none"> For measuring on short contact surfaces and in hard-to-reach areas 	–	DWM 40 L; GAM 220 MF Professional	2 607 001 312

Rods/Staffs		Work height/ Dimensions	Sections	Weight	Suitable for	Part number
	GR 240 Professional Cut & Fill Rod	Up to 2.4 m	2	1.30 kg	GRL 300 HV; BL 200 GC Professional	0 601 094 100
	GR 500 Professional Levelling Staff	Up to 5 m	5	1.98 kg	GOL 26 D Professional	0 601 094 300
	BT 350 Professional Telescopic Pole	140–350 cm	3	2.5 kg	GPL 5 C; GPL 5; GPL 3; GLL 3-80 P; GLL 2-80 P Professional Ideal also in combination with the BM 1 Professional Universal Mount	0 601 015 B00

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