BOSCH
Invented for life

Professional Measuring Devices
Full Range Catalogue 2018

Precise, Advanced, Compact, Easy
For professionals from professionals

New solutions for new requirements
Measuring technology from Bosch

Table of Contents

Bosch Product Overview

The most common trades and applications are listed in this overview to help you find the right product for your application; even faster.

Category	Product	TRADES	Road construction	Underground engineering	Structural engineering	Prefabricated house-building	Facade construction	Wood construction/Carpenter	Roofer	Hall construction (factory, warehouse)	Landscaping	Surveyor
				CIVIL ENGINEERING								
Laser Rangefinders	GLM 30 Professional											●
	GLM 40 Professional						●	○	●			●
	GLM 500 Professional						●		●			●
	GLM 50 C Professional						●		●			●
	GLM 80 Professional			○	○		●	○	●			●
	GLM 100 C Professional			○	○		●	○	●	○	○	●
	NEW GLM 150 C Professional			○	○		●		●	●	●	●
	GLM 250 VF Professional	○	●	●	●	●	●	●	●	●	●	●
Detectors	GMS 100 M Professional											
	GMS 120 Professional											○
	D-tect 120 Professional									○		○
	D-tect 150 CNT Professional			○		○				○		○
Point, Line and Rotation Lasers	GPL 5 Professional			○	○	○				○		●
	GCL 25 Professional			○	○	○				○		●
	GLL 3X Professional											●
	NEW GLL 3-15 X Professional											●
	NEW GLL 5-50 X Professional											●
	GTL 3 Professional											
	NEW GLL 3-80 Professional											●
	NEW GLL 3-80 CG Professional											●
	GRL 300 HV Set Professional	○	○	●	●	●	○			○	○	●
Optical Levels	GOL 26 D Professional	●	●	○	○	○				●	●	
	GOL 32 D Professional	●	●	○	○	○				●	●	
Angle Measurers and Inclinometers	DNM 60 L Professional			○	○	●	○	●	○	○	○	●
	DNM 120 L Professional			○	○	●	○	●	○	○	○	●
	DWM 40 L Professional							●	○	○	○	●
Thermal Camera	NEW GTC 400 C Professional										○	

	Windows/Doors	Staircase construction	Drywall construction	Interior decoration	Kitchen/Shop fitting	Locksmith/Metal construction	Joiner	Exhibition fitting	Electrician	Heating, Sanitary, Air-conditioning	Composition floor layer	Tiler	Prefabricated construction	Plasterer	Painter	Renovation	Decorator	Architect	Estate agent
	INTERIOR FITTING								INSTALLA-TION		FINISHING					OTHER			
		●	●	●	○														
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				○	○	○	●	●							●	●			

Ideal ●   Possible ○

1 | 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 are precision instruments that achieve reliable measuring results in the most difficult conditions. All Bosch rangefinders excel due to their functionality, robustness, ease of use and attractive pricing. High-quality technological components ensure reliable operation and long life. Your advantage: maximum precision even in extreme conditions.

Features and functionality

Bosch offers a range of different laser rangefinders for all applications. From the laser rangefinder with the longest range on the market, the GLM 250 VF Professional, through to the compact entry-level instrument.

Explanations

GLM 30 Professional	GLM 40 Professional	GLM 500 Professional	GLM 50 C Professional	GLM 80 Professional	GLM 100 C Professional	GLM 250 VF Professional		Explanation
± 1.5 mm	± 1.5 mm	± 0.2 mm	± 1.5 mm	± 1.5 mm	± 1.5 mm	± 1 mm	±	Typical measuring accuracy
—	10	—	●	20 + 1	50 + 1	30		Memory + constant
●	●	●	●	●	●	●		Distance, area and volume measurement
●	●	●	●	●	●	●		Continuous measurement
●	●	●	●	●	●	●	+/-	Addition/subtraction
—	—	—	—	●	●	●		Corner measuring pin
—	—	—	●	●	●	●		Wall area measurement
—	—	—	—	●	●	●		Timer function
—	—	—	—	●	●	●	min/max	Min./max. function
—	—	●	●	●	●	—		Incline measurement
—	—	—	●	●	●	—		Indirect distance measurement
—	●	●	●	●	●	●		Single indirect height measurement
—	—	—	—	●	●	●		Double indirect height measurement
—	—	—	●	—	—	●		Stake-out function
—	—	—	—	—	—	●		Trapezium measurement
—	—	—	—	—	—	●		Integrated viewfinder
—	—	—	●	—	●	—		Bluetooth data transfer
—	—	—	—	—	●	—		USB data transfer

Range markers:
- GLM 30 Professional — 30 m
- GLM 40 Professional — 40 m
- GLM 500 Professional — 50 m
- GLM 50 C Professional — 50 m
- GLM 80 Professional — 80 m
- GLM 100 C Professional — 100 m
- GLM 250 VF Professional — 250 m

Laser Class 2
Laser Type: 635 nm, <1mW

GLM 30 Professional
Length measurement - Easy and compact, for Professionals!

- A professional, compact laser rangefinder at a very competitive price point
- Perform accurate length measurements in the most simple way – with just one button
- Automatically illuminated display
- Dust and splash protection: IP 54

GLM 30 Professional

Measuring range	0.15 - 30 m
Typical measuring accuracy	± 2 mm
Battery service life, (approx.)	5000 individual measurements
Power supply batteries	2 x 1.5 V LR03 (AAA)
Dust and splash protection	IP 54
Automatic switch off after (approx.)	5 min. (tool)
Dimensions (L/W/H)	105 mm x 41 mm x 24 mm
Weight	0.1kg
Comes complete with	2 x 1.5 V LR03 (AAA) batteries, manufacturer's certificate

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GLM 40 Professional
All the relevant functions in a compact design

Memory function
enables easy access to
the last 10 measurements

Illuminated,
three-line display
maximises readability

Reliable measuring
results in all conditions,
proven by **ISO certification**

Distance measurement,
area calculation, volume
calculation – all **intuitive
to use functions**

- All important measuring functions – intuitive to use
- Large, automatically illuminated three-line display for the best visibility
- Softgrip all-round protection and robust design for tough jobsite conditions

10 x 4 cm   **DISPLAY**

GLM 40 Professional

Part number	0 601 072 9F0
Measuring range	0.05 - 40 m
Typical measuring accuracy	± 1.5 mm
Lowest indication unit	1 mm
Battery service life, (approx.)	5000 individual measurements
Power supply batteries	2 x 1.5 V LR03 (AAA)
Dust and splash protection	IP 54
Automatic switch off after (approx.)	20 s (laser) 5 min. (tool)
Units of measure	m, ft, inch
Dimensions (L/W/H)	105 mm x 41 mm x 24 mm
Weight	0.1kg
Comes complete with	2 x 1.5 V (AAA) batteries, manufacturer's certificate

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

NEW GLM 500 Professional
The 2-in-1 360º Measuring Device

Tilt sensor, 360°
For easy angle measurement, and leveling applications.

ISO Certification ISO NORM 16331-1 ✓
Guaranteeing promised accuracy and range in all circumstances

Robust housing, IP 54-rated
Splash water proof & dustproof tool for rough construction site conditions

Colour display,
for easy understanding of results

High accuracy
of ±1.5 mm for precise measurements

- Easy and Fun - Colour display for high user intuition
- Precise - Measuring range of up to 50 metres
- Versatile - 2-in-1 distance and inclination measurer

| 10 x 4 cm | α=0°–360° | ± 1,5 mm | IP 54 | COLOUR DISPLAY |
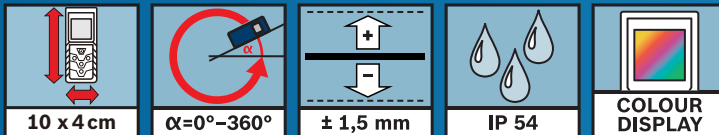
GLM 500 professional

Part number	0 601 072 HF0
Measuring range	0.05 - 50 m
Typical measuring accuracy	± 0.2° mm
Lowest indication Unit	0.1 mm
Battery service life, (approx.)	10,000 individual measurements
Power supply batteries	2 x 1.5 V LR03 (AAA)
Dust and splash protection	IP 54
Automatic switch off after (approx.)	5 min
Units of measure	m/cm, ft/inch
Dimensions (L/W/H)	106 mm x 45 mm x 24 mm
Weight	0.1 kg
Comes complete with	2 x 1.5 V LR03 (AAA) batteries, manufacturer's certificate

GLM 50 C Professional
- with Bluetooth Connectivity
Direct digital transfer of measuring results

Tilt sensor, 360°
For easy angle measurement, and leveling applications

Bluetooth
For data transfer to all GLM Apps and convenient result documentation

Robust housing, IP 54-rated
Splash water proof & dustproof tool for rough construction site conditions

Colour display
For easy understanding of results

ISO Certification
ISO NORM 16331-1
Guaranteeing promised accuracy and range in all circumstances

High accuracy
of ±1.5 mm for precise measurements

Stake-out function
Wide functionality, unique in the market

30.120 m
6.100 m
9.060 m
49.128 m
0.0°
Professional GLM 50 C

- Fast and efficient data transfer via Bluetooth
- Simple exchange and smart documentation of measured values thanks to GLM measure & document app
- Use the GLM floor plan app to create digital floor plans, import and edit existing floor plans, and export the result

α=0°–360° ±1,5 mm IP 54 COLOUR DISPLAY
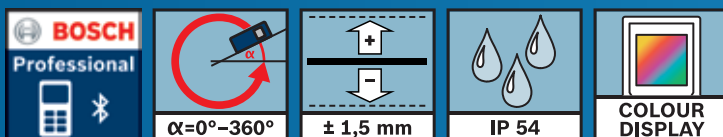
GLM 50 C professional

Part number	0 601 072 CF0
Measuring range	0.05 - 50 m
Typical measuring accuracy	± 1.5 mm
Lowest indication unit	0.1 mm
Battery service life, (approx.)	10,000 individual measurements
Power supply batteries	2 x 1.5 V LR03 (AAA)
Dust and splash protection	IP 54
Automatic switch off after (approx.)	5 min
Units of measure	m/cm, ft/inch
Dimensions (L/W/H)	106 mm x 45 mm x 24 mm
Weight	0.1 kg
Comes complete with	2 x 1.5 V LR03 (AAA) batteries, manufacturer's certificate

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GLM 80 Professional
The high-tech solution for convenient measurement

- New functionality due to integrated 360° incline sensor
- Precise and easy to operate due to illuminated display which turns automatically
- Up to 25,000 measurements per battery charge due to Li-Ion technology

R-60: Compatible with GLM 80
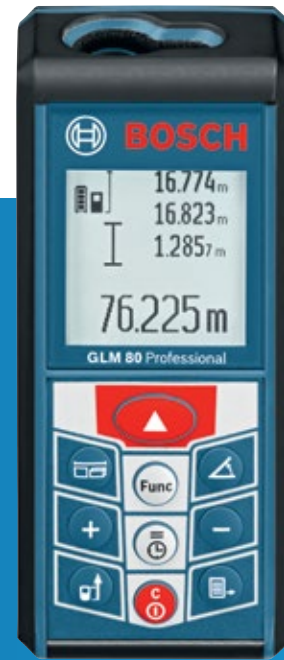
R 60

GLM 80 Professional

Part number	0 601 072 3K0
Measuring range	0.05 - 80 m
Typical measuring accuracy	± 1.5 mm
Battery service life (approx.)	25,000 individual measurements
Power supply batteries	1 x 3.7 V Li-Ion battery (1250 mAh)
Dust and splash protection	IP 54
Automatic switch off after (approx.)	5 min
Units of measure	m/cm/mm
Dimensions (L/W/H)	111 mm x 51 mm x 30 mm
Weight	0.14 kg
Comes complete with	1 x 3.7 V Li-Ion battery, manufacturer's certificate

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in
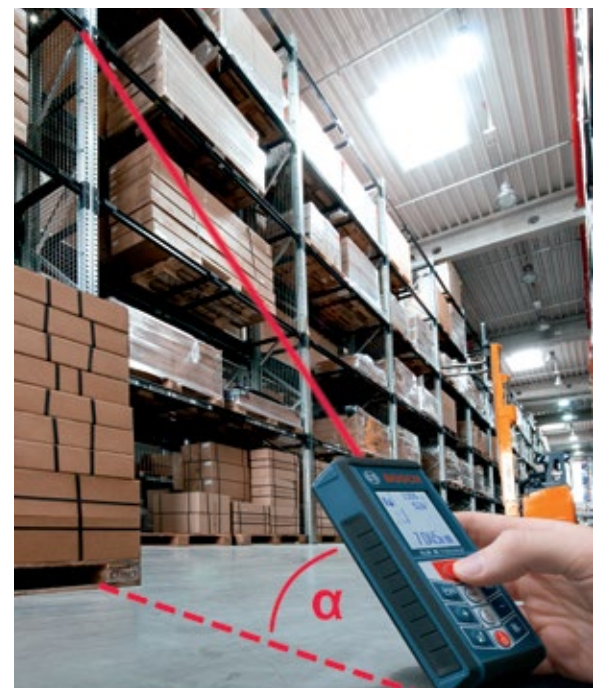
GLM 100 C Professional

- with Bluetooth Connectivity
The smart solution for transferring and documenting your measuring results

- The new GLM 100 C Professional laser rangefinder transfers your measured values directly to a PC, tablet PC and smartphone: easily, quickly and without transfer errors.

- Combined with the Bosch GLM 100 C Professional measurement camera app, your data can then be processed in a versatile way.
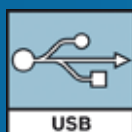
R-60: Compatible with GLM 100 C
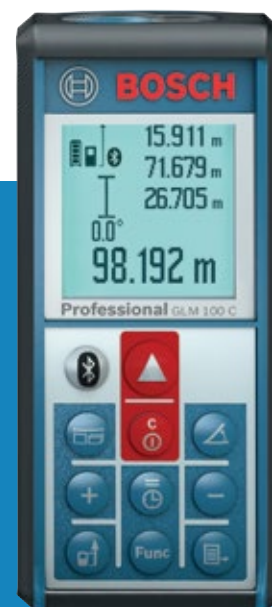
* Android from version 2.3.x and iOS from version 5.x
** Bluetooth classic and low energy

R 60

GLM 100 C Professional

Part number	**0 601 072 7K0**
Measuring range	0.05 - 100 m
Typical measuring accuracy	± 1.5 mm
Laser class	2
Laser diode	635 nm/< 1 mW/2
Incline measurement	± 60° vertical/360° horizontal (4 x 90°)
Accuracy of incline measurement	± 0.2°
Individual measurements per battery charge	25000
Weight, approx.	0.14 kg
Dimensions (L/W/H)	111 x 51 x 30 mm
Dust and splash protection	IP54
Scope of delivery	Protective case, micro USB charger, micro USB data cable, manufacturer's certificate

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

NEW GLM 150 C Professional
- with Bluetooth Connectivity
Laser measurement with accuracy up to 150 m

Tilt sensor, 360°
For easy angle measurement, and leveling applications

Camera
+ Zoom

Connectivity
Bluetooth smart (Low Energy)

Working range
Up to 400 feet / 150 m

Memory
Stores up to 50 measurements

Robust housing, IP 54-rated
Splash water proof & dustproof tool for rough construction site conditions

Battery
3x quality AA Alkaline batteries

Colour display
2.8" IPS colour display + optical bonding for better readability

Side keypad
For flexible measurements

High accuracy
±1.5 mm for precise measurements

- Camera for optimum visibility of laser point at a distance of 150 m
- Fast and easy targeting, especially outdoor and over long distances
- Intuitive handling for fast access of needed functions, language guidance and help function
- Data transfer to Bosch Measuring Master App for fast & easy documentation

BOSCH Professional	α=0°–360°	± 1,5 mm	IP 54	COLOUR DISPLAY
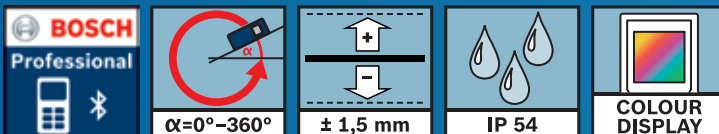
GLM 150 C Professional

Working range	400 feet/ 150 m
Laser class	2
Accuracy	± 1.5 mm
Camera	+ Zoom
Display	2.8 inch IPS colour display
Connectivity	Bluetooth smart (Low Energy)
Memory capacity	50 measurements
Dust and splash protection	IP 54
Power supply batteries	3 x quality AA Alkaline batteries
Tripod thread	Plastic, 1/4 inch

Bluetooth

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

Many possibilities thanks to digital data transfer

The new GLM 100 C Professional laser measure transfers your measured values directly to a PC, tablet PC or smartphone: easily, quickly and without transfer errors, via integrated data interface. Combined with the "GLM measure&document" app and the "GLM floor plan" app, your data can then be processed in a versatile way.
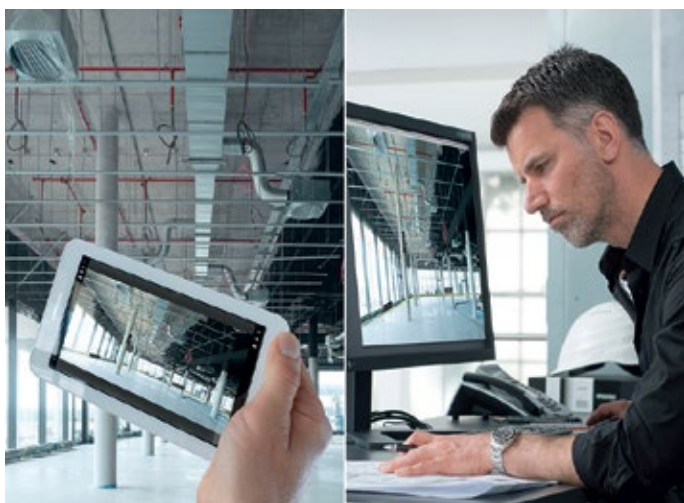
Connect your smartphone/tablet to the GLM 100 C

Android devices:

Bluetooth data transfer is possible between the GLM 100 C and Android devices with Bluetooth 2.0, 2.1 or 3.0.

iOS devices:

Bluetooth data transfer is possible between the GLM 100 C and iOS devices with Bluetooth Smart technology.

Your advantages

Automatic storage in the instrument
of the last 50 measured values and one constant – with date, time and type of measurement

Read out and process the measured values
via smartphone*, tablet PC and PC

Fast and exact data transfer
via Bluetooth** and micro USB

* Android from Version 2.3.x and iOS from Version 5.x (iPhone 4S, iPhone 5, iPad Gen. 3, iPad Gen. 4, ...)
** Bluetooth classic and low energy

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

This is how easy it is: GLM app
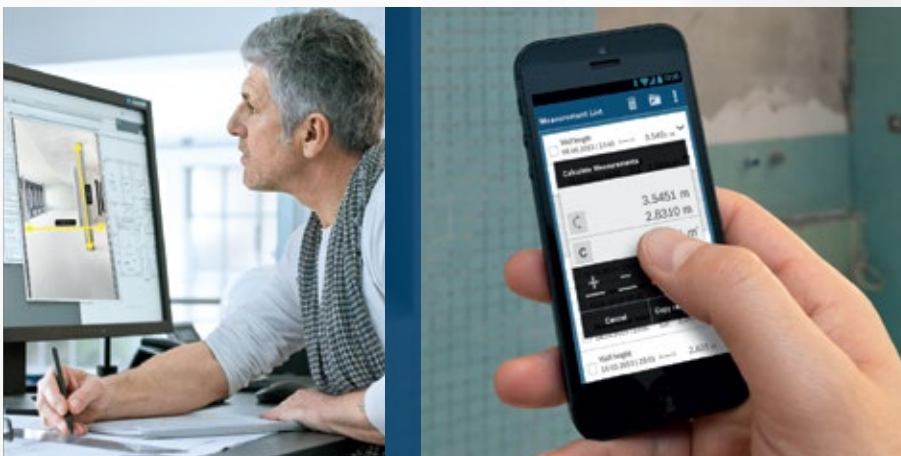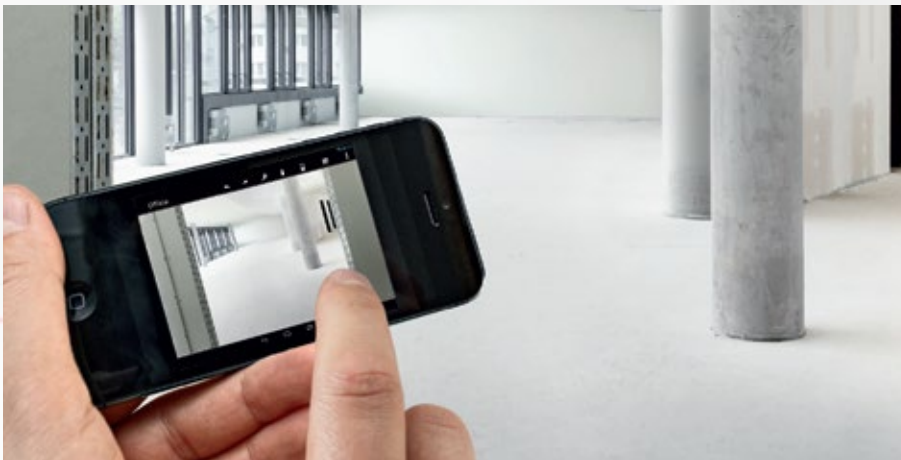
1 Take a photo

Simply take a photo of the jobsite using the Bosch GLM 50 C and GLM 100 C Professional measurement camera app.

2 Mark the measuring distance

Highlight the distance you want to measure into the photo.

3 Transfer the measurements into the photo

Perform the desired measurement and have it displayed directly in the picture. Take further measurements if necessary and, for example, send them by e-mail to coordinate them with other participants in the construction project.

4 Process measured values

Measured values can be individually named in the measured value list and saved in special project folders – with date, time and type of measurement. Areas and volumes, for example, can be calculated by simply dragging the measured values on top of each other.

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GLM 250 VF Professional
The View Finder
The laser rangefinder with the longest range

- 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 IP 54
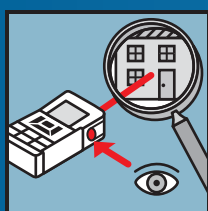
Integrated telescopic viewfinder
for optimum visibility of the laser point up to a distance of 250 m

GLM 250 VF Professional	
Part number	**0 601 072 170**
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	IP 54
Dimensions (L/W/H)	120 x 66 x 37 mm
Weight	0.24 kg.
Comes complete with	4 x 1.5 V (AAA) batteries, carrying strap, protective pouch, manufacturer's certificate

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in
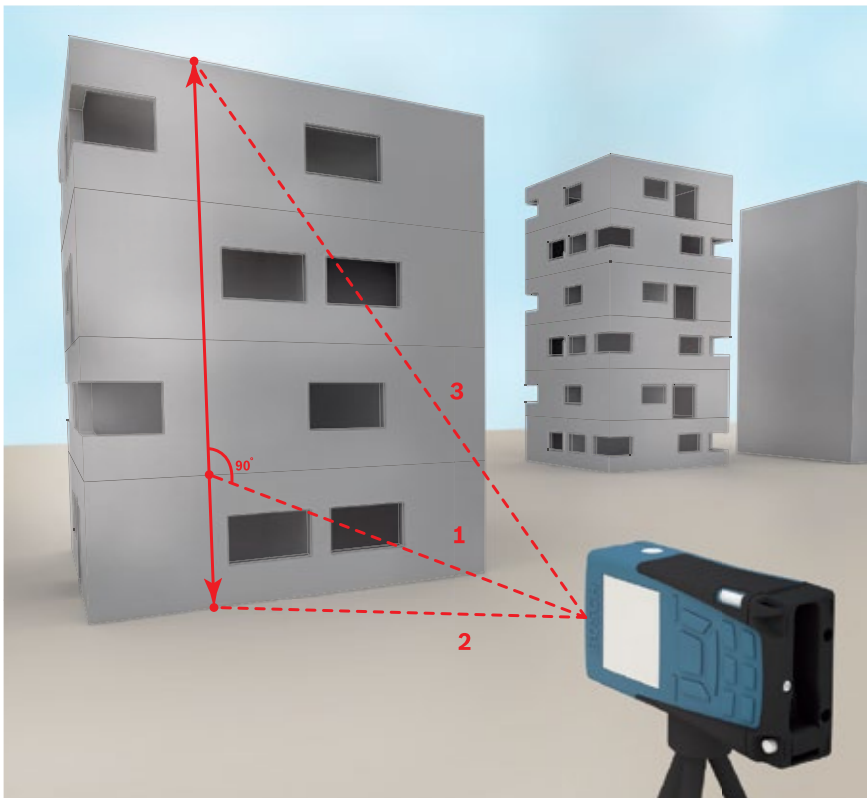
Double Pythagoras

for convenient height calculation in hard-to-reach areas and from tripods.
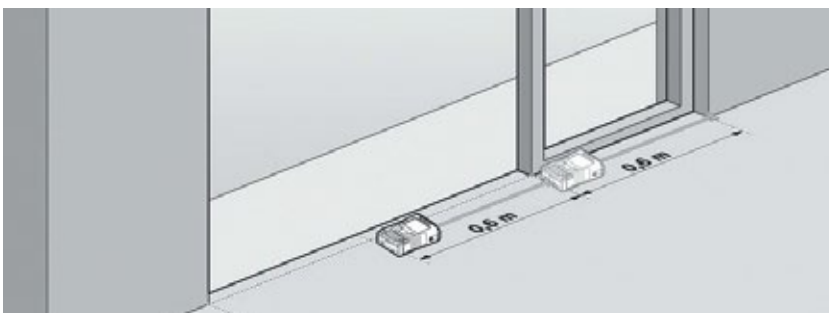
Multifunctional measuring pin

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.
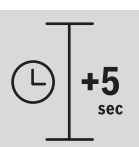
Timer function

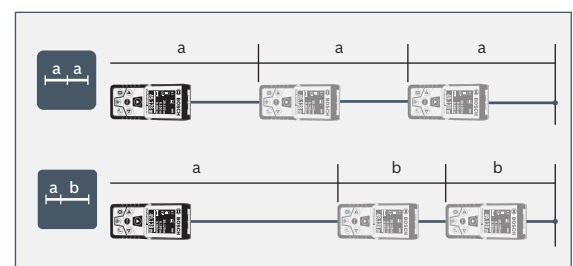for delayed measurement from hard-to-reach areas where the laser rangefinder cannot be prevented from moving when the button is pressed.
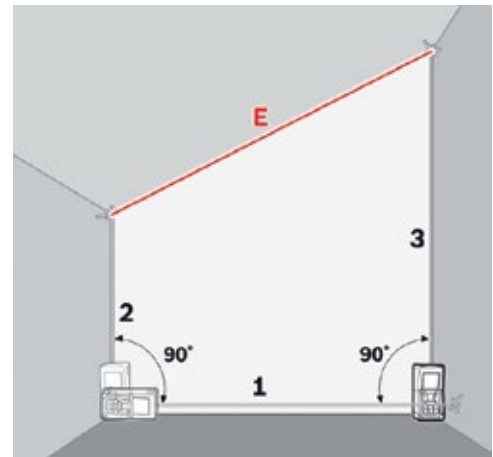
Trapezium function

for measuring roof slopes.
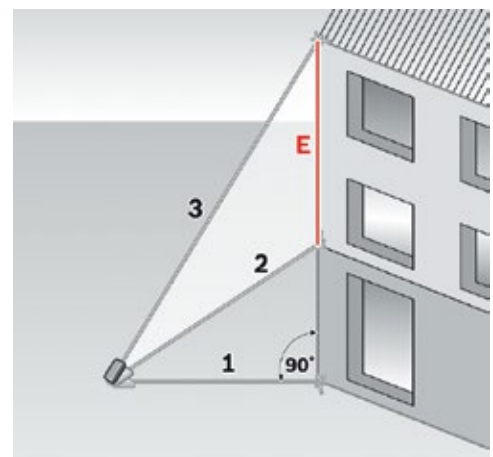
Combined Pythagoras

for partial height measurement
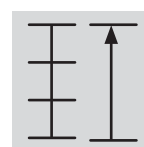
Stake-out function

for marking repetitive distances.

2 | Detectors from Bosch
Convincing solutions for every application

Detectors have a wide range of applications. Various materials have to be reliably detected in different building materials, to avoid accidents and save on rework. For example, the cost of repairing an accidently drilled into water pipe or electric cables is much higher than the cost and time taken in avoiding this.

The range consists of multi-detectors and special detectors that can also be used to reliably detect plastic pipes. Even the depth of the objects is displayed. All detectors from Bosch are calibration free.

Detectable materials	Cavities	Plastic pipes	Live cables	Iron	Non-ferrous metals	Wood
Measuring depth **GMS 100 M Professional**	–	–	4 cm	10 cm	8 cm	2 cm
Measuring depth **GMS 120 Professional**	–	–	5 cm	12 cm	8 cm	3.8 cm
Measuring depth **Wallscanner** **D-tect 120 Professional**	–	6 cm	4 cm	10 cm	8 cm	2 cm
Measuring depth **Wallscanner** **D-tect 150 CNT** **Professional**	6 cm	8 cm	6 cm	15 cm	15 cm	6 cm

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GMS 100 M Professional
The most reliable metal detector in its class

- Calibration free
- The only metal detector with an automatic zoom scale for more precise object detection
- High sensitivity with detection depth up to 10 cm
- Dust and splash protection: IP 54
- Automatic deactivation facility, approx.: 5 min

GMS 100 M Professional

Part number	0 601 081 100
Detectable materials	Ferrous metal, non-ferrous metal, live cables
Max. measurement depth	100 mm
Detection depth, steel, max.	100 mm
Detection depth, copper, max.	80 mm
Automatic deactivation facility, approx.	5 min
Power supply	1 x 9 V 6LR61
Weight, approx.	0.26 kg
Dust and splash protection	IP 54
Display of max. drilling depth	

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in
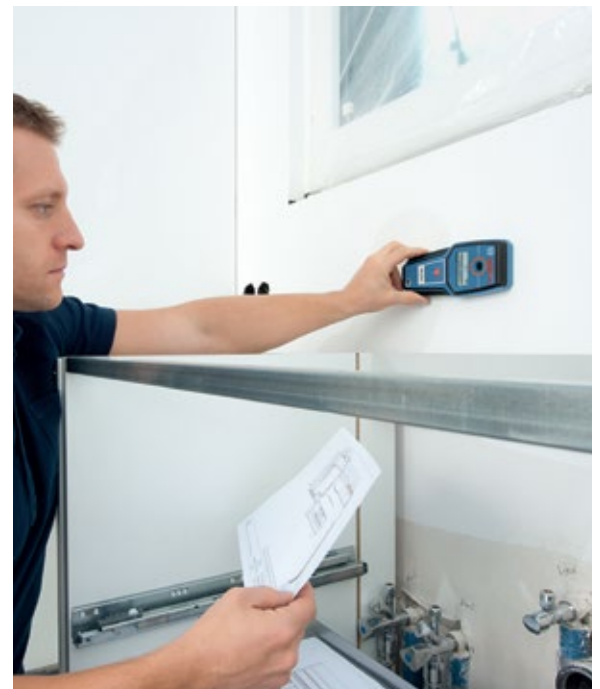
GMS 120 Professional
The most reliable multi detector in its class

- Application errors are avoided due to automatic calibration
- Reliable detection even of deep-lying objects up to a depth of 12 cm
- Even more reliable indication of objects due to the three-colour LED luminous ring with marking hole
- Better visibility due to illuminated display
- Pinpoint indication of the object's centre with the "Centre Finder" scale, and display of material properties
- Three detection modes for various applications: drywall mode, metal mode, live cable mode

Modes	Drywall mode	Metal mode	Live cable mode
Detection	All objects (wooden substructures, metal substructures, live cables)	Ferrous and non-ferrous metals, live cables	Only live cables with electricity of 50/60 Hz
Maximum detection depth	3.8 cm	12 cm (ferrous), 8 cm (non-ferrous)	5 cm

GMS 120 Professional

Part number	0 601 081 000
Measuring range	0.05 - 100 m
Typical measuring accuracy	± 1.5 mm
Laser class	2
Laser diode	635 nm/< 1 mW/2
Incline measurement	± 60° vertical/360° horizontal (4 x 90°)
Accuracy of incline measurement	± 0.2°
Individual measurements per battery charge	25000
Weight, approx.	0.14 kg
Dimensions (L/W/H)	111 x 51 x 30 mm
Dust and splash protection	IP54
Scope of delivery	Protective case, micro USB charger, micro USB data cable, manufacturer's certificate

LED luminous ring with marking hole: The three-colour LED luminous ring indicates the detection result quickly and clearly. Detection results can be marked quickly and conveniently thanks to the marking hole. The sensors are positioned centrally around the marking hole to ensure the greatest possible safety. This prevents drilling mistakes.
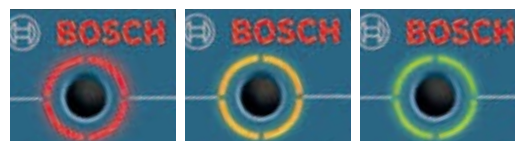
Red signal: Object found

Yellow signal: Caution – object found nearby or deep-lying object found

Green signal: No object found

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

D-tect 120 Professional
The most convenient universal detector for reliable detection of all materials

Center Finder Technology
Giving direction indication for precise location of object center

Spot measurement
Immediate and reliable results

USP
Unique Selling Point

Easy user interface
Featuring 3 mode buttons

Reliable detection
For all objects including metals, live cables, wooden objects and water-filled plastic pipes

Dual power source
Compatible with 10.8V Li-ion battery pack or AA batteries for extra flexibility

	Metal	Lives wires (AC cables)	Wooden objects	Water-filled plastic (PVC) pipes	Maximum detection depth
	+++	+++	+	++	6 cm
	+++	+++	+++	++	6 cm
	+++	+++	+	++	12cm

+ - can be detected
++ - can be found well
+++ - can be found very well

Electric Cable   Metal   Pipe   Iron   Wood

D-tect 120 Professional

Part number	0 601 081 3K0
Detection mode	Universal, Concrete, Drywall
Detection object	Ferrous metals, non-ferrous metals, live cables, wooden objects and water-filled plastic pipes, metals, wooden substructures, live cables
Max. detection depth	120 mm
Automatic deactivation	5 mins
Power supply	10.8 V Li-ion or 4 x 1.5 V LR6 (AA) (with AA battery adapter)
Weight, approx.	0.5 kg
Scope of delivery	Carrying bag, battery adaptor, 4 x 1.5 V LR6 (AA) batteries

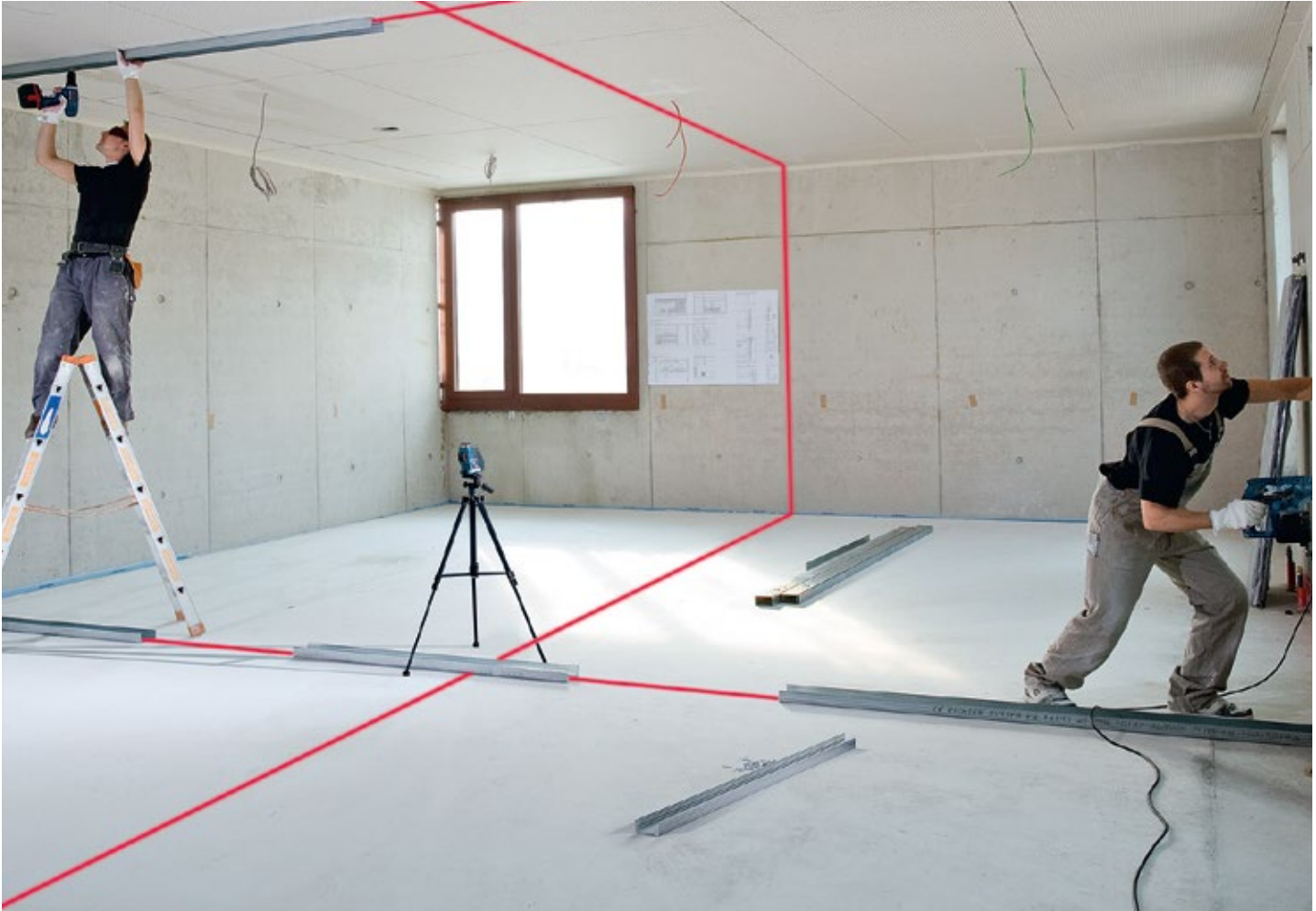More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

D-tect 150 CNT 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, live 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
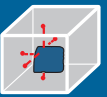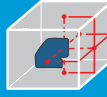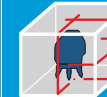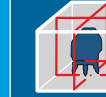
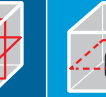| D-tect 150 CNT Professional	
Part number	0 601 010 055
Detectable materials	Plastic pipes, ferrous metals, non-ferrous metals, wooden substructures, live cables
Max. detection depth	150 mm
Detection depth, steel, max.	150 mm
Accuracy	± 5 mm
Automatic deactivation facility, approx.	5 min
Power supply	4 x 1.5V LR6 (AA)
Weight, approx.	0.7 kg
Display of max. drilling depth	

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

3 | Point, Line and Rotation Lasers from Bosch
The right tool for every application

	Point Lasers		Line Lasers					Rotation Lasers
● Ideal ◉ Suitable ○ Possible − Unsuitable	**GPL 5** Professional	**GCL 25** Professional	**GLL 3X** Professional	**GLL 3-15 X** Professional	**GLL 5-50 X** Professional	**GTL 3** Professional	**GLL 3-80 P** Professional	**GRL 300 HV** Professional
Horizontal levelling/alignment	◉	●	●	●	●	−	●	●
Vertical levelling/alignment	◉	●	●	●	●	−	●	●
Plumb alignment/Plumb function	●	●	○	○	○	−	●	○
Transfer of right angles	●	●	−	−	○	−	●	○
Room partitioning	◉	◉	−	−	○	○	●	◉
Tiling	−	◉	◉	◉	◉	●	●	−

HV: Horizontal & Vertical

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

Point lasers

Point lasers can be used to quickly and reliably align pillars in a plumb position or to transfer hole plans from the floor to the ceiling.

Line lasers

Line lasers are ideal for horizontal and vertical indoor alignment. They are compact, reliable and easy to operate.

Rotation lasers

Rotation lasers are recommended for all horizontal and vertical work, both indoors and outdoors.

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

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
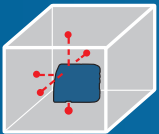
GPL 5 Professional

Part number	**0 601 066 200**
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.
Comes complete with	3 x 1.5 V (AA) batteries, protective pouch
Tripod thread size	1/4 & 5/8 inch

Crosshair laser technology

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

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in
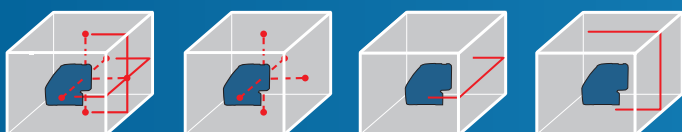
GCL 25 Professional

Combi Laser
Point and line laser in one –
for versatile indoor applications

- Compact and space-saving
- Savings for you from having to buy multiple instruments
- High accuracy and long range for professional use
- Easy to operate using intuitive user interface
- Robust instrument for jobsite use (IP54)

GCL 25 Professional

Part number	**0 601 066 B00**
Working range	Lines 10 m/Points max. 30 m*
Accuracy	± 0.3 mm/m, plumb points ± 0.5 mm/m
Self-levelling range	± 4°
Laser diode/class	635 nm/< 1 mW/2
Dust and splash protection	IP 54
Operating time, max.	15 h
Dimensions (L/W/H)	118 x 57 x 89 mm
Weight	0.45 kg
Comes complete with	4 x 1.5 V LR6 (AA) batteries, L-BOXX inlay, protective case
Tripod thread size	1/4 & 5/8 inch

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in
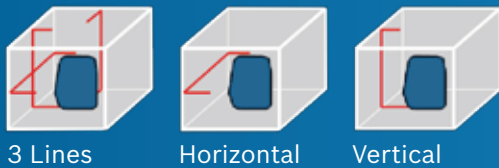
GLL 3X Professional
Compact 3-line laser
The versatile solution for indoor jobs

- Compact, modern and robust design for great mobility and durability
- Easy to use for versatile applications
- Vivid line visibitlity for maximum work efficiency

3 Lines   Horizontal   Vertical

GLL 3X Professional

Part number	**0 601 063 CJ0**
Working range	15m
Levelling accuracy	± 0.5mm/m
Self-levelling range	± 4°
Laser diode/class	635 Nm <1 mW/2
Tripod thread size	1/4"
Operating time, max.	15 h
Power supply	4 x 1.5 V (AA)
Weight	0.5 kg
Comes complete with	4 x 1.5 V (AA) batteries, protective pouch

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

NEW GLL 3-15 X Professional
For easy decorative interior fitting applications

Quality
Bosch Intelligent Current Management (ICM) for the highest laser line performance and operating lifetime

Robust
Bosch Pendulum Precision System (PPS) for maximum levelling accuracy

Detachable rotating platform
360° fine adjustment for precise control of laser lines

IP 54 rated
For maximum tool protection

Height adjustable legs
For extra levelling flexibility

- Maximum precision thanks to the Bosch Pendulum Precision System
- Projection of a vertical and a horizontal line
- Detachable, 360° rotating platform with bubble vial and fine adjustment
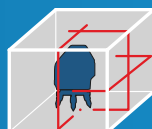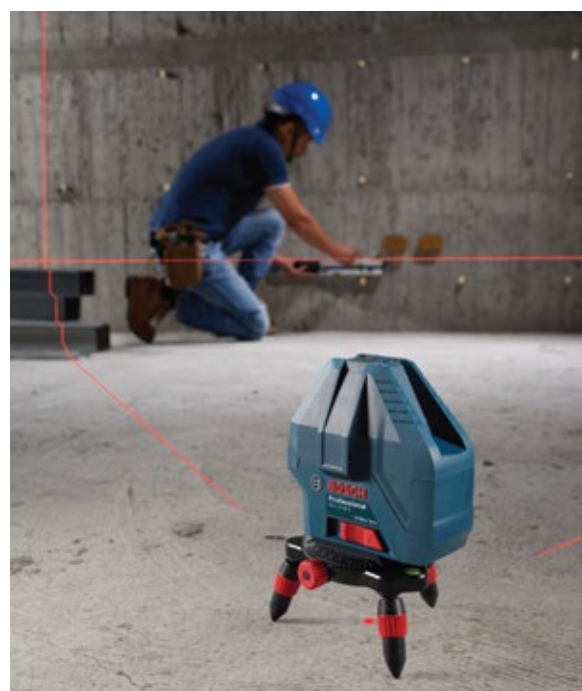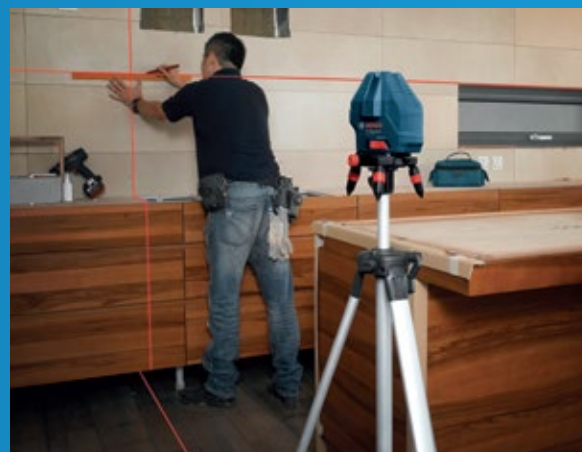
GLL 3-15 X Professional

Part number	0 601 063 M00
Working range, line	15 m
Working range, point	5 m
Accuracy	± 0.2mm/m
Self-levelling range	± 3°
Tripod thread size	5/8 inch only
Dust and splash protection	IP 54
Power supply	4 x 1.5 V LR6 (AA)
Weight, approx	0.72 kg
Scope of delivery	4 x 1.5 V (AA) batteries, carrying bag, tripod adapter

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

NEW GLL 5-50 X Professional

Compact, robust, quality for everyday interior levelling applications

Quality
Bosch Intelligent Current Management (ICM) for the highest laser line performance and operating lifetime

Robust
Bosch Pendulum Precision System (PPS) for maximum levelling accuracy

Detachable rotating platform
360° fine adjustment for precise control of laser lines

IP 54 rated
For maximum tool protection

Height adjustable legs
For extra levelling flexibility

- For easy decorative interior fitting applications
- Maximum precision thanks to the Bosch Pendulum Precision System
- Projection of two vertical 90° lines and one horizontal line
- Maximum performance and lifetime of the laser diode thanks to Bosch Intelligent Current Management
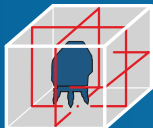
GLL 5-50 X Professional

Part number	**0 601 063 N00**
Working range, line	15 m
Working range with receiver*	50
Working range, point	5m
Accuracy	± 0.2mm/m
Self-levelling range	± 3°
Slope function	Yes
Tripod thread size	5/8 inch only
Dust and splash protection	IP 54
Power supply	4 x 1.5 V LR6 (AA)
Weight, approx	0.72 kg
Scope of delivery	4 x 1.5 V LR6 (AA) batteries, carrying bag

*Compatible with LR 2 Laser Receiver (0 601 069 100)

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GTL 3 Professional
Fast tiling due to additional line at 45°

- 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
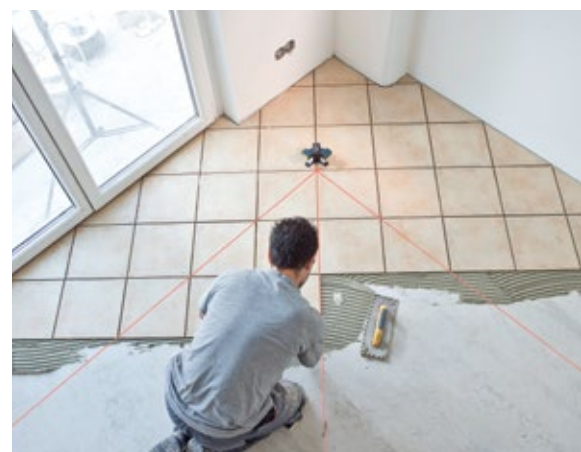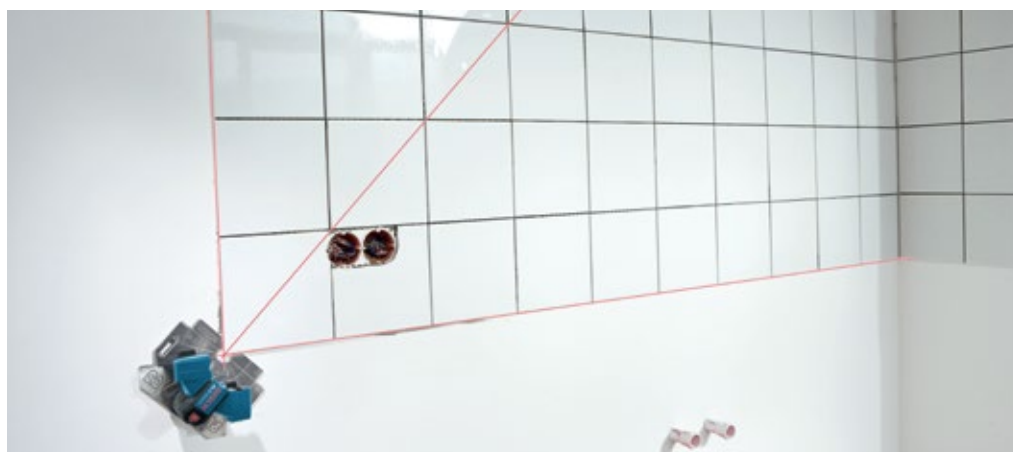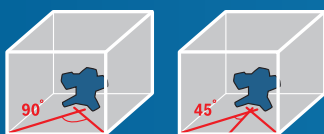
GTL 3 Professional

Part number	0 601 015 200
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	IP 54
Operating time, max.	18 h in 2-line mode 12 h in 3-line mode
Dimensions (L/W/H)	156 x 102 x 98 mm
Weight	0.5 kg.
Comes complete with	Laser target, alignment disc, 4 x 1.5 V (AA) batteries, protective pouch

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."

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

NEW GLL 3-80 Professional
360° three-plane levelling and alignment-line laser

- Laser generates one horizontal and two vertical 360° laser planes from one startup point
- High accuracy up to ±0.2 mm/m
- Pendulum lock for safe transport
- IP 54 for robust protection
- Four AA batteries and carrying case

GLL 3-80 Professional

Accuracy	±0.2 mm/m
Battery voltage	1.5 V
Laser diode	Class II 630 - 670 nm
Levelling type	Self-Levelling, up to 4°
Material	Composite
Mount threading	1/4-20, 5/8-11
Operating temperature	14° F / -10°C up to 104°F / 40°C
Range	Up to 65-ft (Indoors)
Comes complete with	4 x 1.5 V (AA) batteries, belt pouch

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in
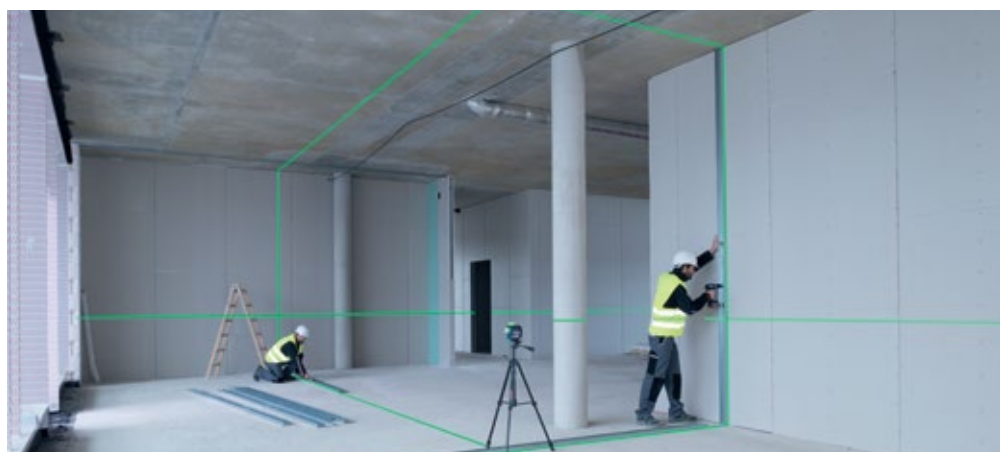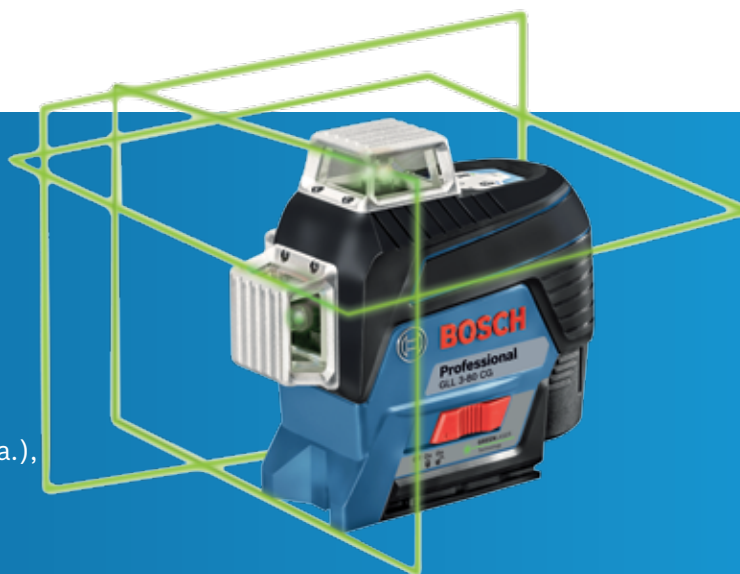
NEW GLL 3-80 CG Professional

Green supreme visibility in 3x360°

- 3x360° laser lines with best visibility due to high power diodes
- High accuracy up to ±0.2 mm/m
- Contactless controlling without touching and without losing precision
- Dual power source for highest flexibility
- Receiver mode for high working range up to 120 m (dia.), compatible to new LR 7 receiver

**GREEN**LASER
Technology

GLL 3-80 CG Professional

Accuracy	± 0.2 mm/m
Laser diode	500 – 540 nm, < 10 mW
Operating temperature	-10 – 40 °C
Storage temperature	-20 – 70 °C
Laser class	2
Working range	30 m
Working range with receiver	120 m
Working range without receiver	30 m
Levelling type	Self-Levelling, up to 4°
Levelling time	4 s
Dust and splash protection	IP 54
Operating time (max.)	6 h (Li-Ion) and 4 h (4 x AA) in 3-line mode
Tripod thread	1/4 inch, 5/8 inch
Colour of laser line	Green
Projection	3x360° line

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GRL 300 HV Set 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 (± 5°)
- Safe working thanks to shock warning function in the event of shocks

RC 1 Professional
Remote Control
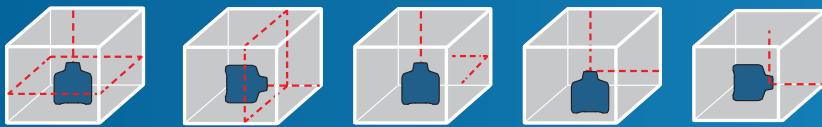
Precision even over long distances
The GRL 300 HV can be used up to a diameter of 300 m outdoors with a receiver, and this with a precision of 0.1 mm/m.

LR 1 Professional
Laser Receiver

GRL 300 HV Set Professional	
Part number	**0 601 061 503**
Working range (diameter)	300 m
Levelling accuracy	0.1 mm/m
Rotation speed	150, 300, 600 rpm
Scan function	10°, 25°, 50° / 0°
Operating temperature	-10 °C ... +50 °C
Storage temperature	-20 °C ... +70 °C
Operating lifetime	30h (NIMH)/50h Alkaline
Battery (scope of delivery)	2 x 1.2 V HR20 (D) (9 Ah) / 2 x 1.5 V LR20 (D)
Drop test resistance	Yes, due to aluminum cage
Protection against water and dust	IP 54
Tripod thread size	5/8 inch (BT 160/BT 170)
Comes complete with	Rotation Laser, Laser Receiver (LR1 Prof.), Remote Control (RC 1 Prof.), Wall Mount (WM 4 Prof.), Compartment for alkaline batteries 2 x 1.5 V LR20 (D), Target Plate and laser glasses, Instruction manual & Short user manual, Carrying case with EPP foam

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

BM 1 Professional
The universal solution for line and point lasers

- Flexible fitting of the mount, for example with screws, magnets or on a tripod
- The clamp makes the BM 1 ideal for ceiling applications
- Height adjustment with locking device for safe and precise alignment
- Easy fixing of the laser
- Ideal also in combination with the BT 350 Professional telescopic pole
- Can be used as a floor tripod with extendible supporting legs

WM 4 Professional
Wall Holder

- Increased benefit with accessories
- Versatile fixing of the mount
- Height adjustment with locking device for safe and precise alignment
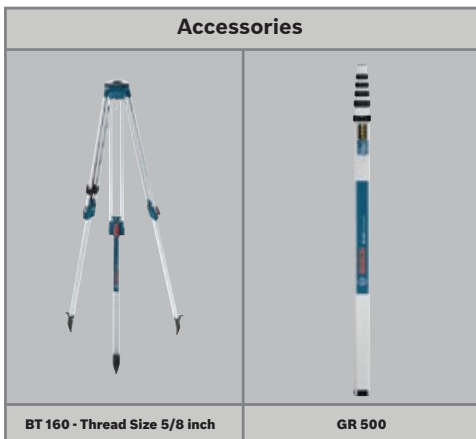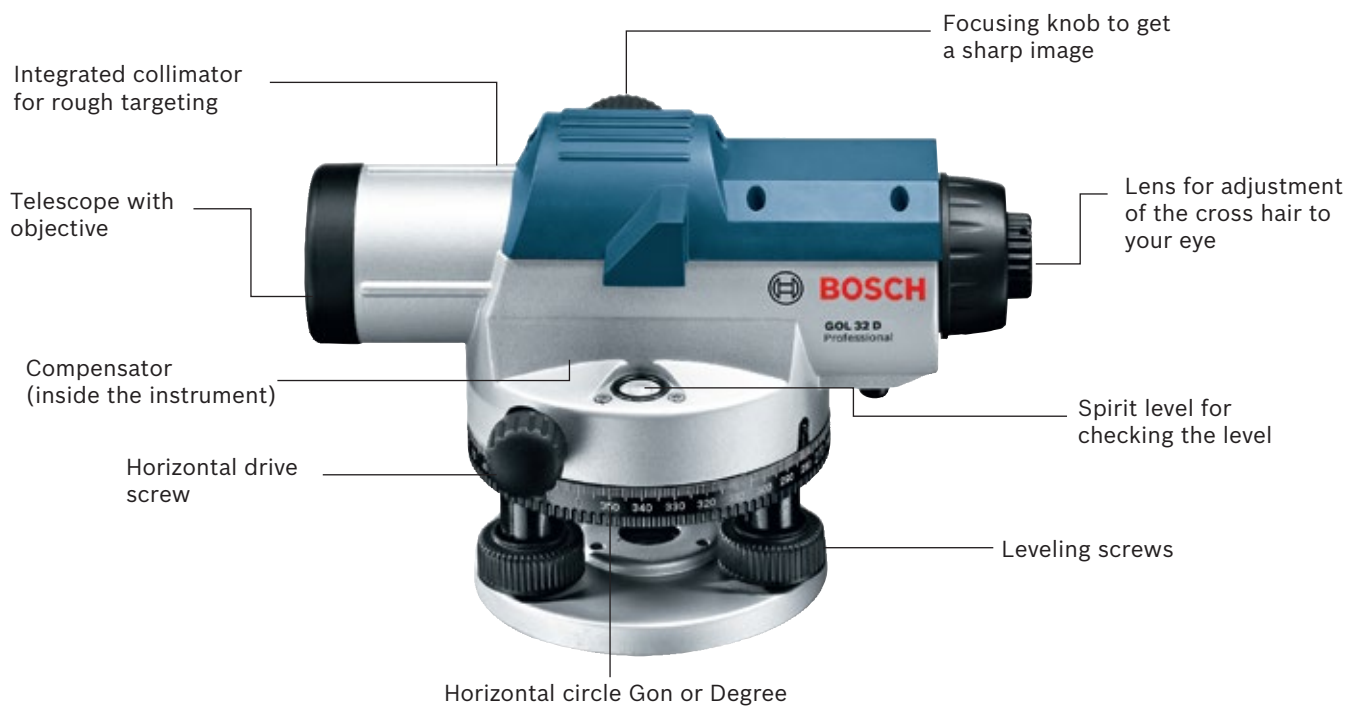- Suitable for GRL 300 HV

	BM 1 Professional	WM 4 Professional
Part number	0 601 015 A01	0 601 092 400
Weight, approx.	0.5 kg	0.7 kg
Height	-	340 mm
Suitable for	GLL 3-80 P, GLL 2-80 P, GLL 3-50, GLL 2-50, GLL 2-15, GCL 25, GPL 5, GPL 3 Professional	GRL 300 HV/HVG, GRL 400 H, GRL 500 H/HV Professional

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

4 | Optical Levels from Bosch
Precise and extremely robust

The optical levels from Bosch, GOL 26 D and GOL 32 D excel due to their high precision and great reliability. The tried-and-tested instruments make levelling easier and can be set precisely and reliably, which makes them perfect for use in tough conditions on the construction site.

Focusing knob to get a sharp image

Integrated collimator for rough targeting

Telescope with objective

Lens for adjustment of the cross hair to your eye

Compensator (inside the instrument)

Horizontal drive screw

Spirit level for checking the level

Leveling screws

Horizontal circle Gon or Degree

Accessories	
BT 160 · Thread Size 5/8 inch	GR 500

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GOL 26 D Professional
Extremely robust for outdoor use

- Designed for outdoor use due to sturdy metal housing with dust and splash protection (IP 54)
- Robust design with built-in target collimator and integrated circular vial
- Carrying case with compensator lock for safe transport

GOL 32 D Professional
The robust solution for precise levelling at long distance

- Extremely robust for tough outdoor application
- 32x magnification for precise work at longer distance
- Collimator and bubble vial are built into the housing for greater durability

	GOL 26 D Professional	GOL 32 D Professional
Part number	0 601 068 0F0	0 601 068 5F0
Unit of measure	360 degrees	360 degrees
Deviation for 1 km run levelling	1 mm	1 mm
Working range	Up to 100 m	Up to 120 m
Magnification	26x	32x
Levelling accuracy	1.6 mm at 30 m	1 mm at 30 m
Dust and splash protection	IP 54	IP 54
Dimensions (L/W/H)	215 x 135 x 145 mm	215 x 135 x 145 mm
Weight	1.7 kgs	1.7 kgs
Comes complete with	Lens cover, Plumb bob, Allen key, Adjusting pin, Carrying case	Lens cover, Plumb bob, Allen key, Adjusting pin, Carrying case

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

5 Angle Measurers and Inclinometers from Bosch
Precise measurement, transfer and
easy alignment

GIM 60/ GIM 120 Professional
Precise digital inclinometers

- Measures precise tilts in degrees, percent or millimetres/metres
- Direction arrows and audible signals at 0° and 90° for easy alignment
- Measured values automatically turn on the display when working overhead

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.

GIM 60   GIM 120

	GIM 60 Professional	GIM 120 Professional
Part number	**0 601 076 700**	**0 601 076 800**
Length	60 cm	120 cm
Measurement range	0 – 360° (4 x 90°)	0 – 360° (4 x 90°)
Electronics measurement accuracy 0°/90°	± 0.05°	± 0.05°
Electronics measurement accuracy at 1°-89°	± 0.2°	± 0.2°
Measurement accuracy, vials	± 0.057° = ± 1 mm/m	± 0.057° = ± 1 mm/m
Weight approx.	0.77 kg	1.3 kg
Units of measurement	°, %, mm/m	°, %, mm/m
Tripod thread	1/4"	-
Operating duration, inclination measurem., approx.	-	200 h
Comes complete with	4 x 1.5 V (AA) batteries, protective pouch, Laser target	-

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

GAM 220 Professional
Precise and easy angle measurement

- Fast and precise calculation of angles
- Angles can be transferred precisely onto workpieces by means of a mechanical locking screw
- Can be used along with mitre saws for angle measurement

GAM 220 Professional

Part number	**0 601 076 500**
Length	120 cm
Measurement range	0 – 220°
Measurement accuracy, angles	± 0.1°
Measurement accuracy, vials	± 0.05°
Accuracy of angle calculation	± 0.1°
Power supply	4 x 1.5 V LR6 (AA)
Battery power, approx.	80 h
Automatic deactivation facility, approx.	30 mins
Arm length	40 cm
Weight, approx.	1.3 kg

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

6 Thermal Camera from Bosch
Measuring perfection through thermal imaging

NEW GTC 400 C Professional
Visualise temperature differences within seconds

- Integrated WIFI hotspot for fast and easy picture transfer from GTC 400 C to Measuring Master app
- Micro USB enables easy data transfer to computer and GTC transfer software helps to create reports easily
- Visual camera integrated to save real image together with thermal image
- Infrared sensor resolution of 160x120 for detailed thermal images (19200 single measurement points)

GTC 400 C Professional

Measurement range	-10 °C to +400 °C
Measuring accuracy of IR	±3.0 °C
Resolution	0.1 °C
Thermal sensitivity (NETD)	<50 mK
Size of IR sensor	160x120 px
Number of measuring points	19200
Memory type	Internal memory
Dust and splash protection	IP 53
Display type	TFT LCD
Size of display	3.5 inch
Operating temperature	-10 – 45 °C
Storage temperature	-20 – 70 °C
Weight	0.5 kg

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in
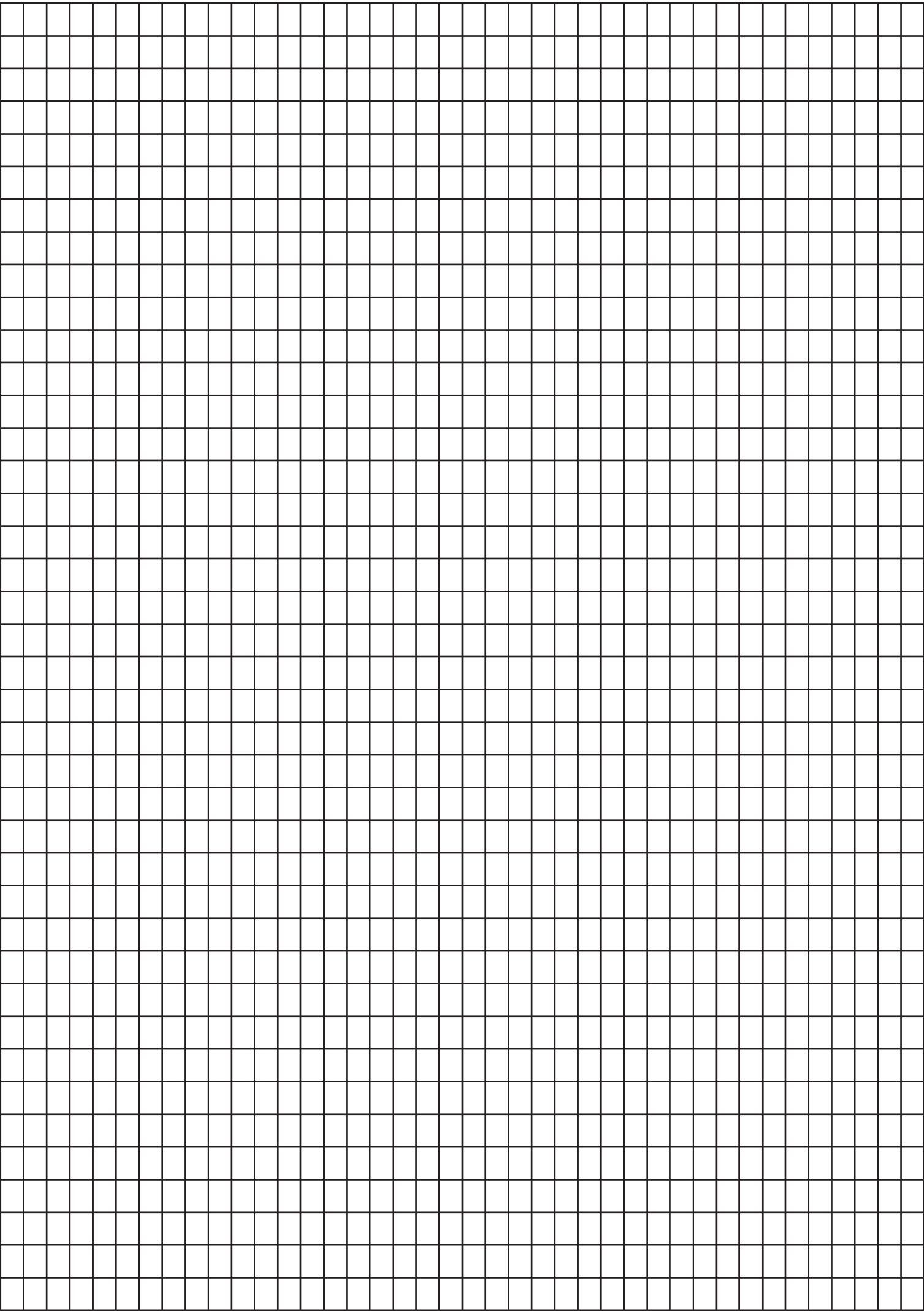
7 | Accessories: Specifications at a glance

Laser receivers/ Remote controls

		Range	Measuring accuracy (fine/rough)	Power supply	IP protection class	Weight	Suitable for	Part number
	LR 1 Professional Laser Receiver	0–200 m	1 mm/ 3 mm	1 x 9 V 6LR61	IP 65	0.36 kg.	GRL 300 HV Professional GRL 400 HV Professional	0 601 015 400
	LR 2 Professional Laser Receiver	5–50 m	1 mm/ 3 mm	1 x 9 V 6LR61	IP 54	0.2 kg.	GLL 3-80 P	0 601 069 100
	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

Building tripods

		Work height	Tripod thread	Weight	Suitable for	Part number
	BT 150 Professional Building Tripod	52–147 cm	1/4"	1.0 kg.	GPL 5; GLL 3X; GLL 3-80 P; GLM 50 C; GLM 80; GLM 100 C; GLM 250 VF; GCL 25; GLM 150 C, Professional	0 601 096 974
	BT 150 Professional Building Tripod	107–165 cm	5/8" x 11	5.5 kg.	GLL 3-80 P; GLL 3-15 X; GLL 5-50 X; GLL 25; GRL 300 HV; GOL 26 D; GOL 32 D; Professional	0 601 091 300
	BT 160 Professional Building Tripod	97–160 cm	5/8" x 11	4.1 kg.	GLL 3-80 P; GLL 3-15 X; GLL 5-50 X; GLL 25; GRL 300 HV; GOL 26 D; GOL 32 D; Professional	0 601 091 200

More information about the professional blue measuring tools and accessories can be found at www.bosch-pt.co.in

Wall mounts/ Measuring plates/ Others

		Applications	Weight	Suitable for	Part number
	WM 4 Professional Wall Mount	← 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	← Versatile fixing of the mount ← Height adjustment with locking device for safe and precise alignment	0.5 kg.	GPL 5; GLL 3-80 P; GLL 25; Professional Ideal also in combination with the BT 350 Professional Telescopic Pole	0 601 015 A01
	Ceiling plate	← Suitable for improving the visibility of the laser beam ← Including magnet for direct mounting	–	All laser measuring tools	2 607 335 856
	Measuring plate	← 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	← Suitable for better reflection of the laser beam, for example when measuring outdoors in bright sunlight	–	GLM 80; GLM 100 C; GLM 250 VF; Professional	2 607 001 391
	Laser viewing glasses	← 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 1 608 M00 05B
	R60 Measuring Rail	← Combining the GLM 80 Professional with the R 60 Professional measuring rail transforms it into a digital spirit level	–	GLM 80; GLM 100 C Professional	0 601 079 000

Rods/Staffs

		Work height/ Dimensions	Sections	Weight	Suitable for	Part number
	GR 500 Professional Levelling Staff	Up to 5 m	5	1.98 kg.	GOL 26 D; GOL 32 D; GRL 300 HV; Professional	0 601 094 300
	BT 350 Professional Telescopic Pole	140–350 cm	3	2.5 kg.	GPL 5; GLL 3-80 P; Professional Ideal also in combination with the BM 1 Professional Universal Mount	0 601 015 B00

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