

2023

CONDROL

R E F E R E N C E M E A S U R E



www.condtrol.com



MORE THAN
20 YEARS' EXPERIENCE

IN DESIGN AND MANUFACTURING
OF LASER INSTRUMENTS, TESTING
AND MEASURING EQUIPMENT.

MORE THAN
60 EXPERTS

IN OUR TEAM, INCLUDING 3D MODELING
ENGINEERS, ELECTRONIC CIRCUIT AND
SOFTWARE DEVELOPERS, MECHANICAL
ENGINEERS.



MORE THAN
45 PATENTS

IN THE EUROPEAN UNION, THE USA AND
CHINA.



MORE THAN
4000 STORES

ALL OVER THE WORLD.

MORE THAN
1 000 000
HAPPY CUSTOMERS



OUR NEW OFFICE
IN MARKT SCHWABEN
BEI MÜNCHEN.

MORE THAN
40 OEM PROJECTS



DEVELOPED BY THE CONDROL TEAM AND RELEASED FOR PRIVATE LABELS IN GERMANY,
BELGIUM, ITALY, AUSTRIA, THE NETHERLANDS, AUSTRALIA AND THE USA.





WARRANTY AND SERVICE

Accuracy and reliability are top priorities for CONDROL. To prove the quality of our instruments, we provide our customers with 24-month warranty for all equipment.

2 WARRANTY
YEAR

For tools that belong to the professional range we offer an opportunity to extend the warranty period by an additional year. Just sign up on our website in a few clicks! Register your tool within 4 weeks of the date of purchase and get an extended warranty. This warranty doesn't cover batteries and accessories.

2+1* WARRANTY
YEAR

In case of a warranty claim, your instrument will be fixed at CONDROL service centre for free. Our engineers will repair it in the shortest period of time or replace it with a new one. Moreover, we provide our customers with excellent post-warranty service support.

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✧ Smart Measure

Smart Measure is a convenient app for easy on-site work – just connect laser distance meter to your smartphone. You can take a picture and make photo sketch, draw plans, make calculations and share your data via messengers or by email.



✧ XLiner Remote

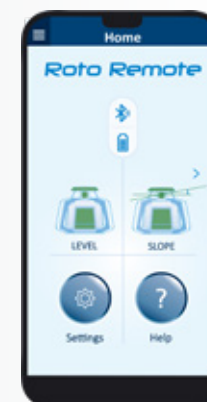
XLiner Remote enables you to control laser levels via Bluetooth from your smartphone. Using the app, you can operate your instrument remotely: switch on laser planes combinations, activate pulse mode, adjust laser brightness and monitor the battery level.



✧ Roto Remote

Roto Remote allows to operate CONDROL Bluetooth-enabled rotary lasers via a smartphone or a tablet. Unlike the IR remote, the installed Roto Remote app and the Bluetooth module make it possible to control the laser level remotely at a distance of up to 100 m. Graphical interface of the app allows you to get feedback when working with the device.

These are the only rotary levels on the market that have such a useful and practical innovation that significantly expands the functionality.

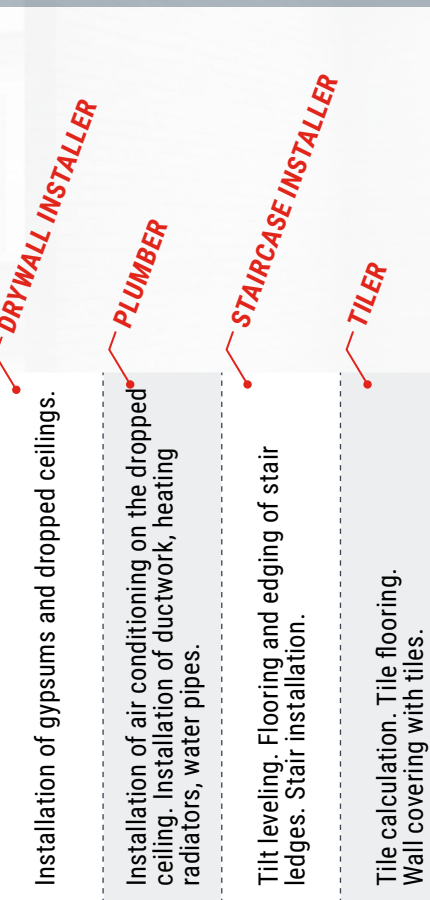


Itronix CONDROL

This app turns your smartphone into a digital inclinometer. The app processes camera image and measures the inclination of horizontal and vertical planes. There are several units of measurements (m/ft/in). Also measurements can be converted into percents or degrees.



APPLICATION AREA								
		REAL ESTATE AGENT	ARCHITECT	SURVEYOR	ELECTRICIAN	BUILDER	PLASTERER, PAINTER	CARPENTER, ROOFER
		Measurement of sizes and areas.	Measurement of room dimensions and comparison of the results to a plan.	Layout measurement.	Cable and ventilation channels, socket and service panels installation.	Cladding, plastering, insulation of external surfaces. Leveling of surface and laying foundations. General construction works. Stonemasonry.	Painting work, wallpapering, plastering.	Wooden panels, cutting of bars, butt joint. Half-timbered frame wall.
LASER DISTANCE METER 8-23		•	•	•	•	•	•	•
LINE LASER 24-44			•		•	•	•	•
ROTARY LASER 45-55			•			•	•	•
SURVEYING EQUIPMENT 56-57			•	•		•		
MEASURING WHEEL 58			•	•		•		
INFRARED THERMOMETER 60-63					•	•		
THERMAL IMAGER 64-68					•	•		
WALL SCANNER 69			•		•	•		
COATING THICKNESS METER 70						•	•	
CONCRETE STRENGTH TESTER 71-72						•		
MOISTURE METER 73-75						•	•	•

													
		DRYWALL INSTALLER	PLUMBER	STAIRCASE INSTALLER	TILER	STONEMASON	FACADE WORKER	INTERIOR DESIGNER	PANEL HOUSE ASSEMBLER	CARPENTER	KITCHEN CABINET MANUFACTURER	LANDSCAPE DESIGNER	GLAZIER
	•	Installation of gypsums and dropped ceilings.	Installation of air conditioning on the dropped ceiling. Installation of ductwork, heating radiators, water pipes.	Tilt leveling. Flooring and edging of stair ledges. Stair installation.	Tile calculation. Tile flooring. Wall covering with tiles.	Windows, gates. Reinforced concrete floors. Reinforced concrete structures, metal profiles. Cladding.	Facade works.	Interior finishing.	Construction of panel houses, tracing, measurement and control.	Window frames, wooden spans. Laminate, parquet. Racks, ladders, guides.	Shelves, cabinets, surfaces, leveling.	Landscape architecture. Drainage, sanitation Installation of fences, poles, curbs and other constructions. Excavation, pavage.	Glass partitions, windows, openings.
•	•												
•	•												
•	•												
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•	•												



Smart Measure – a modern mobile app

LASER DISTANCE METERS

Smart Measure is a free app that gives more opportunities to use Bluetooth-enabled CONDROL laser distance meters.

An overview of the main advantages of the CONDROL Smart Measure app:

- Store unlimited number of measurements in smartphone memory, group and name them;
- Mark dimensions of objects, premises, decor and furniture right in the photos and leave comments. This feature will be highly appreciated by architects, designers and decorators;
- Draw plans of premises with a dimensional grid;
- Save and export files. It simplifies work of builders, designers and furniture manufacturers.

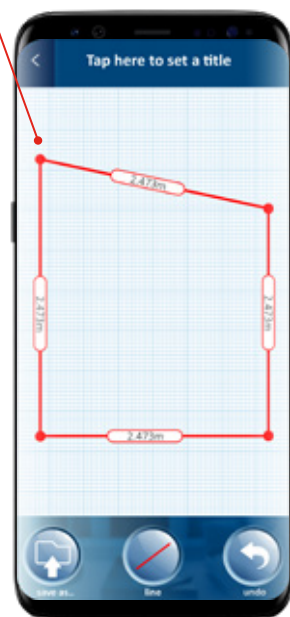
A distinctive feature of CONDROL Smart Measure is its computing functions. Thanks to this app, laser distance meter functionality gets expanded and it becomes possible to calculate wall surface and make indirect measurements.

Download the app from App Store and Google Play.

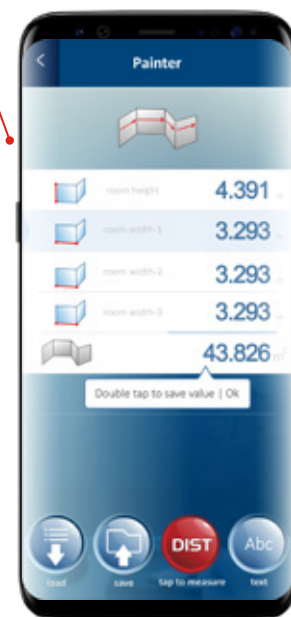


FOUR OPERATING MODES: PLAN DRAWING, PHOTO SKETCHES, INDIRECT MEASUREMENTS AND CALCULATIONS THAT ARE STORED IN YOUR SMARTPHONE.

DRAW PLANS AND ADD MEASUREMENTS.



INDIRECT MEASUREMENTS: AREA, VOLUME, WALL SURFACE AND PYTHAGORAS.



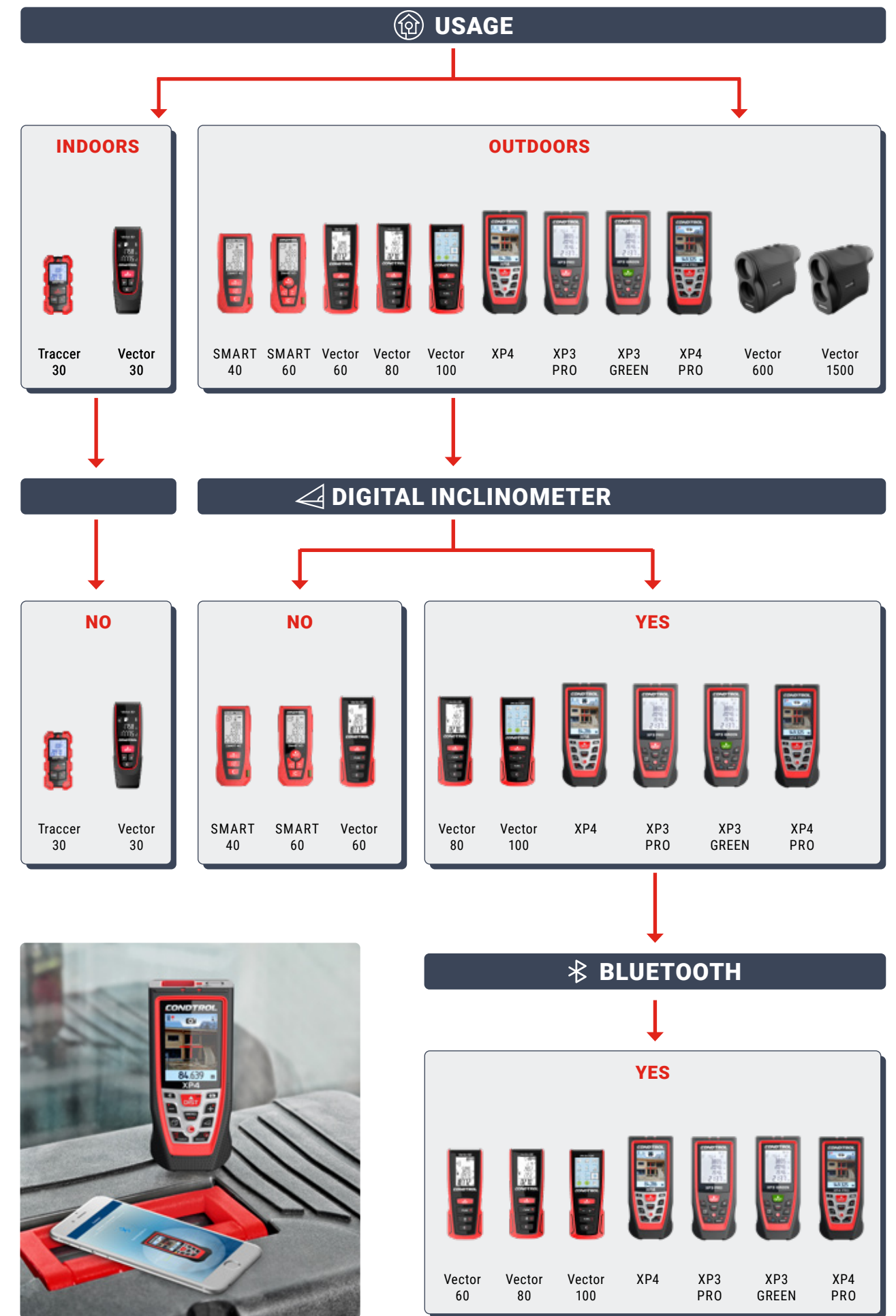
MAKE PHOTO SKETCHES – IT IS A GREAT FEATURE FOR TAKING MEASUREMENTS OF AN EMPTY ROOM AS WELL AS FOR THE INTERIOR DECORATING.



FUNCTIONALITY



LASER DISTANCE METERS





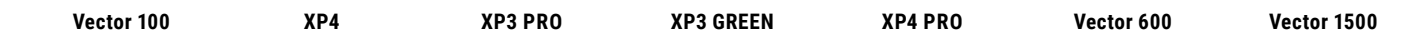
Traccer 30	Vector 30	Smart 40	Smart 60	Vector 60	Vector 80
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The diagram illustrates the evolution of CONDTROL devices. It features six columns, each representing a different model. Above each column is a red-bordered box containing the device's range: 30 m, 30 m, 40 m, 60 m, 60 m, and 80 m. Below each box is a red arrow pointing upwards, indicating the progression. The devices shown are: Tracer 30 (a small handheld unit with a small screen), Vector 30 (a larger handheld unit with a larger screen), Smart 40 (a handheld unit with a larger screen and a red button), Smart 60 (a handheld unit with a larger screen and a red button), Vector 60 (a handheld unit with a larger screen and a red button), and Vector 80 (a handheld unit with the largest screen and a red button). The devices are arranged in a row, showing a clear progression in size and range.

30 m	30 m	40 m	60 m	60 m	80 m
Tracer 30	Vector 30	Smart 40	Smart 60	Vector 60	Vector 80



SPECIFICATIONS



100 m	100 m	120 m	120 m	150 m	600 m	1500 m
						
Vector 100	XP4	XP3 PRO	XP3 GREEN	XP4 PRO	Vector 600	Vector 1500





LASER DISTANCE METERS

Laser distance meter Traccer 30



2 YEAR WARRANTY

30m

3mm

TECHNICAL CHARACTERISTICS	
Working range	0,05...30 m
Accuracy	±3 mm
Distance, area and volume	•
Min/Max Tracking	•
Pythagoras function	•
Laser type	Class II, 620-650 nm <1 mW
Power supply	3,7V 200 mAh Li-Ion rechargeable battery
Dimensions	75x35x18 mm
Weight	35 g

DELIVERY PACKAGE	Traccer 30
Item nr.	1-001-003
Laser Traccer 30	•
Micro USB-cable	•
Pouch	•



LASER DISTANCE METERS

Laser distance meter Vector 30



2 YEAR WARRANTY

30m

3mm

TECHNICAL CHARACTERISTICS	
Working range	0,05...30 m
Accuracy	±3 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Pythagoras function	•
Laser type	Class II, 620-690 nm <1 mW
Power supply	2x1,5 V AAA LR03
Dust and water protection	IP54
Dimensions	115x39x19 mm
Weight	42 g

DELIVERY PACKAGE	Vector 30
Item nr.	1-4-109
Laser Vector 30	•
Batteries	•
Hand strap	•





LASER DISTANCE METERS

Laser distance meter Smart 40



2 WARRANTY YEAR

40m

1.5mm

TECHNICAL CHARACTERISTICS	
Working range	0,05...40 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Pythagoras function	•
Laser type	Class II, 635 nm <1 mW
Power supply	2x1,5 V AAA LR03
Dust and water protection	IP54
Dimensions	105x47x27 mm
Weight	83 g

DELIVERY PACKAGE	Smart 40
Item nr.	1-4-097
Laser Smart 40	•
Batteries	•
Pouch	•
Hand strap	•



LASER DISTANCE METERS

Laser distance meter Smart 60



2 WARRANTY YEAR

60m

1.5mm

TECHNICAL CHARACTERISTICS	
Working range	0,05...60 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Pythagoras function	•
Laser type	Class II, 650 nm <1 mW
Power supply	2x1,5 V AAA LR03
Dust and water protection	IP54
Dimensions	105x47x27 mm
Weight	83 g

DELIVERY PACKAGE	Smart 60
Item nr.	1-4-098
Laser Smart 60	•
Batteries	•
Pouch	•
Hand strap	•





LASER DISTANCE METERS

Laser distance meter Vector 60

TRIPOD THREAD

Li-Ion RECHARGEABLE BATTERY
MICRO-USB CONNECTOR

END-PIECE

INTERNAL MEMORY
AREA/VOLUME

ADDITION/SUBTRACTION/
PYTHAGORAS

MORE OPTIONS WITH
SMART MEASURE APP

2+1* WARRANTY
YEAR

60m 1.5mm

TECHNICAL CHARACTERISTICS

Working range	0,05...60 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Pythagoras function	•
End-piece	•
Bluetooth	•
Memory	•
Laser type	Class II, 635 nm <1 mW
Power supply	3,7 V 850 mAh Li-Ion rechargeable battery
Dust and water protection	IP54
Dimensions	119x46x28 mm
Weight	100 g

Smart Measure App:

- drawings with dimensions
- leaving comments in the pictures
- data export
- saving data and sorting data into groups



DELIVERY PACKAGE	Vector 60
Item nr.	1-4-104
Laser Vector 60	•
Micro USB-cable	•
Pouch	•
Hand strap	•

Laser distance meter Vector 80

POINT-TO-POINT

TILT SENSOR

Li-Ion RECHARGEABLE BATTERY

INTERNAL MEMORY

WALL SURFACE

MORE OPTIONS WITH SMART MEASURE APP

2+1* WARRANTY
YEAR

80m 1.5mm

TECHNICAL CHARACTERISTICS

Working range	0,05...80 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Point-to-Point	•
Pythagoras function	•
End-piece	•
Wall surface	•
Angle measuring range	•
Bluetooth	•
Memory	•
Laser type	Class II, 635 nm <1 mW
Power supply	3,7 V 850 mAh Li-Ion rechargeable battery
Dust and water protection	IP54
Dimensions	119x46x28 mm
Weight	100 g

DELIVERY PACKAGE	Vector 80
Item nr.	1-4-099
Laser Vector 80	•
Micro USB-cable	•
Pouch	•
Hand strap	•



LASER DISTANCE METERS



LASER DISTANCE METERS

Laser distance meter Vector 100

TRIPOD THREAD

Li-Ion RECHARGEABLE BATTERY
MICRO USB CONNECTOR

END-PIECE

WALL SURFACE

POINT-TO-POINT

INTERNAL MEMORY

TIMER

DIGITAL VIAL

MORE OPTIONS WITH SMART MEASURE APP

2+1* WARRANTY YEAR

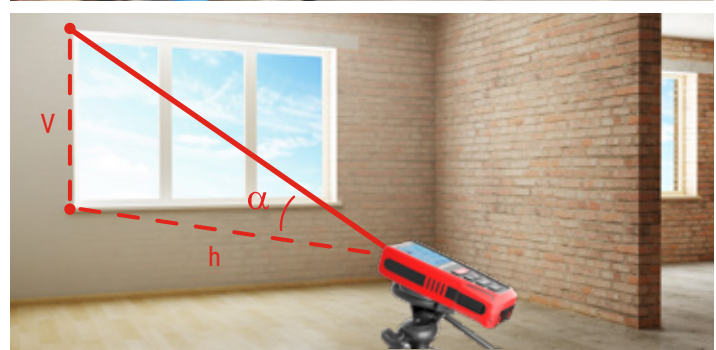
100m 1.5mm

Pythagoras 1 Pythagoras 2

100 sensor point-to-point

1/4" 1/4"

TECHNICAL CHARACTERISTICS	
Working range	0,05...100 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Point-to-Point	•
Pythagoras function	•
End-piece	•
Wall surface	•
Angle measuring range	•
Timer	•
Digital vial	•
Bluetooth	•
Memory	•
Laser type	Class II, 635 nm <1 mW
Power supply	3,7 V 850 mAh Li-Ion rechargeable battery
Dust and water protection	IP54
Dimensions	119x46x28 mm
Weight	100 g



DELIVERY PACKAGE	Vector 100
Item nr.	1-4-100
Laser Vector 100	•
Micro USB-cable	•
Pouch	•
Hand strap	•



LASER DISTANCE METERS

Laser distance meter XP4

COLOUR LCD

STAKE OUT

WALL SURFACE

TRAPEZIUM AREA
TRIANGLE AREA

END-PIECE

ADVANCED OPTICS
DIGITAL VIEWFINDER
WITH 8X ZOOM

TIMER

INTERNAL MEMORY

DIGITAL VIAL

MORE OPTIONS WITH SMART MEASURE APP

2+1* WARRANTY YEAR

100m 1.5mm

Camera

Pythagoras 1 Pythagoras 2

100 sensor point-to-point

1/4" 1/4"

TECHNICAL CHARACTERISTICS	
Working range	0,05...100 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Pythagoras function	•
End-piece	•
Stake out	•
Wall surface	•
Triangle area	•
Trapezium area	•
Angle measuring range	•
Timer	•
Digital vial	•
Bluetooth	•
Camera	•
Memory	•
Laser type	Class II, 635 nm <1 mW
Power supply	3x1,2 V 800 mAh Ni-MH rechargeable battery
Dust and water protection	IP54
Dimensions	136x59x28 mm
Weight	170 g



DELIVERY PACKAGE	XP4
Item nr.	1-4-073
Laser XP4	•
Batteries	•
Micro USB-cable	•
Pouch	•
Hand strap	•



LASER DISTANCE METERS

Laser distance meter XP3 PRO

TRIPOD THREAD



WALL SURFACE
POINT-TO-POINT
STAKE OUT



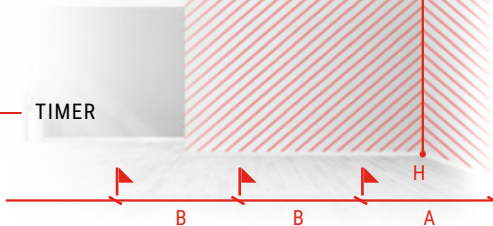
Ni-MH RECHARGEABLE BATTERY
MICRO USB CONNECTOR



XP3 PRO



TIMER



INTERNAL MEMORY



MORE OPTIONS WITH SMART MEASURE APP



END-PIECE



2+1* WARRANTY YEAR

120m

1.5mm

1/4"

TECHNICAL CHARACTERISTICS	
Working range	0,05...120 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Point-to-Point	•
Pythagoras function	•
End-piece	•
Stake out	•
Wall surface	•
Angle measuring range	•
Timer	•
Bluetooth	•
Memory	•
Laser type	Class II, 635 nm <1 mW
Power supply	3x1,2 V 800 mAh Ni-MH rechargeable battery
Dust and water protection	IP54
Dimensions	136x59x28 mm
Weight	170 g

Smart Measure App:

- drawings with dimensions
- leaving comments in the pictures
- data export
- saving data and sorting data into groups



DELIVERY PACKAGE	XP3 PRO
Item nr.	1-4-103
Laser XP3 PRO	•
Batteries	•
Micro USB-cable	•
Pouch	•
Hand strap	•



LASER DISTANCE METERS

Laser distance meter XP3 Green

TRIPOD THREAD



WALL SURFACE
POINT-TO-POINT
STAKE OUT



Ni-MH RECHARGEABLE BATTERY
MICRO USB CONNECTOR



XP3 GREEN



TIMER



INTERNAL MEMORY



MORE OPTIONS WITH SMART MEASURE APP



END-PIECE



88%
22%
4x
BRIGHTER

2+1* WARRANTY YEAR

120m

1.5mm

1/4"

TECHNICAL CHARACTERISTICS	
Working range	0,05...120 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Point-to-Point	•
Pythagoras function	•
End-piece	•
Stake out	•
Wall surface	•
Angle measuring range	•
Timer	•
Bluetooth	•
Memory	•
Laser type	Class II, 520 nm <1 mW
Power supply	3x1,2 V 800 mAh Ni-MH rechargeable battery
Dust and water protection	IP54
Dimensions	136x59x28 mm
Weight	170 g



DELIVERY PACKAGE	XP3 GREEN
Item nr.	1-4-084
Laser XP3 GREEN	•
Batteries	•
Micro USB-cable	•
Pouch	•
Hand strap	•



LASER DISTANCE METERS

Laser distance meter XP4 PRO

COLOUR LCD

STAKE OUT

WALL SURFACE

TRAPEZIUM AREA
TRIANGLE AREA

END-PIECE

ADVANCED OPTICS
DIGITAL VIEWFINDER WITH 8X ZOOM

TIMER

INTERNAL MEMORY

DIGITAL VIAL

MORE OPTIONS
WITH SMART MEASURE APP

2+1* WARRANTY YEAR

150m 1.5mm

Camera

Stake out

Wall surface

Triangle area

Trapezium area

Angle measuring range

Timer

Digital vial

Bluetooth

Memory

TECHNICAL CHARACTERISTICS	
Working range	0,05...150 m
Accuracy	±1,5 mm
Distance, area and volume	•
Min/Max Tracking	•
Addition/subtraction	•
Pythagoras function	•
End-piece	•
Stake out	•
Wall surface	•
Triangle area	•
Trapezium area	•
Angle measuring range	•
Timer	•
Digital vial	•
Bluetooth	•
Camera	•
Memory	•
Laser type	Class II, 635 nm <1 mW
Power supply	3x1,2 V 800 mAh Ni-MH rechargeable battery
Dust and water protection	IP54
Dimensions	136x59x28 mm
Weight	170 g

DIGITAL VIEWFINDER WITH 8X ZOOM

DELIVERY PACKAGE	XP4 PRO
Item nr.	1-4-076
Laser XP4 PRO	•
Batteries	•
Micro USB-cable	•
Pouch	•
Hand strap	•



LASER DISTANCE METERS

Laser distance meter Vector 600/ Vector 1500

SPEED MEASUREMENT
OF A MOVING OBJECT

"FOG" MODE

INCLINATION ANGLE MEASUREMENT
(only Vector 1500)

CALCULATION OF VERTICAL DISTANCE
(only Vector 1500)

ADVANCED OPTICS

2+1* WARRANTY YEAR

Vector 600

600m 1.0m 6X SPEED 1/4"

Vector 1500

1500m 1.0m 6X SPEED 1/4"

TECHNICAL CHARACTERISTICS	Vector 600	Vector 1500
Working range	5...600 m	5...1500 m
Accuracy	±1 m	
Angle measuring range	•	
"Fog" mode	•	•
Calculation of vertical distance	•	
Speed measurement range	0 - 300 km/h	
Speed measurement accuracy	±5 km/h	
Angle measurement accuracy	± 1°	
Magnification	6x	
Eyepiece caliber	16 mm	
Exit pupil caliber	3,8 mm	
Laser type	Class I, 905 nm <1 mW	
Power supply	2x1,5V AAA	
Dust and water protection	IP54	
Dimensions	105x82x43 mm	
Weight	172 g	



DELIVERY PACKAGE	Vector 600	Vector 1500
Item nr.	1-4-101	1-4-102
Laser	•	•
Batteries	•	•
Pouch	•	•
Hand strap	•	•



XLiner Remote - a modern mobile app



LASER LEVELS

LASER LEVELS

XLiner Remote is a free app that allows to operate Bluetooth-enabled CONDROL laser levels via smartphone or tablet.

- XLiner Remote app allows you to do the following:
- select operation mode (switching on/off) of laser emitters, adjust the combination of required planes;
 - activate pulse mode for working with receiver;
 - adjust laser power to save the battery;
 - monitor the battery level.

Remote control of a laser level is an absolute innovation that only CONDROL instruments possess.

Download the app from App Store and Google Play.

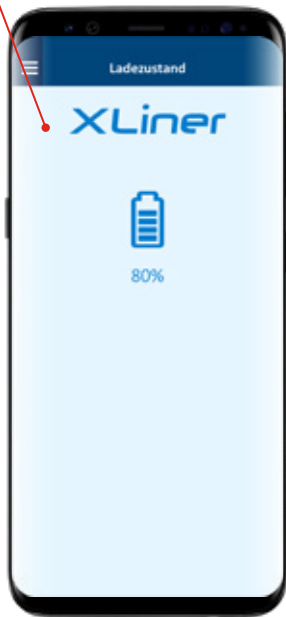
USER-FRIENDLY INTERFACE



SWITCHING ON/OFF OF THE LASER EMITTERS
PULSE MODE ACTIVATION



BATTERY LEVEL CONTROL



ADJUSTMENT OF THE LASER BRIGHTNESS





FUNCTIONALITY

☼ LASER TYPE

RED



┆ LASER PLUMB

NO



YES



▣ 360° PLANE

NO



YES



✎ BLUETOOTH

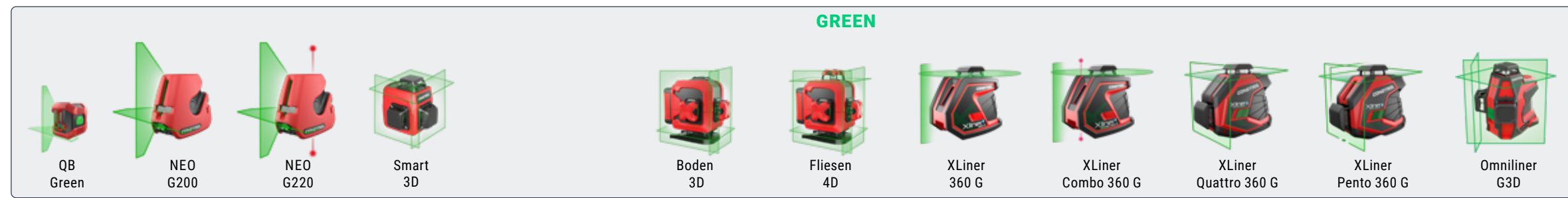
YES



FUNCTIONALITY

☼ LASER TYPE

GREEN

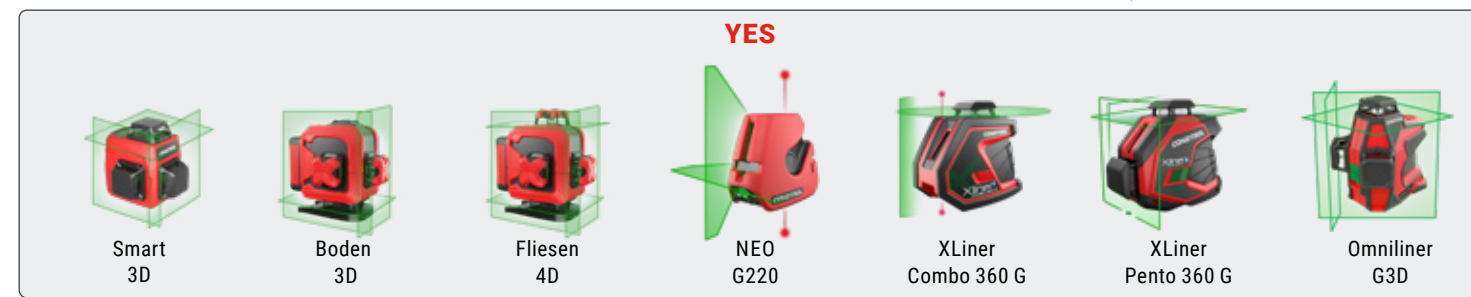


┆ LASER PLUMB

NO

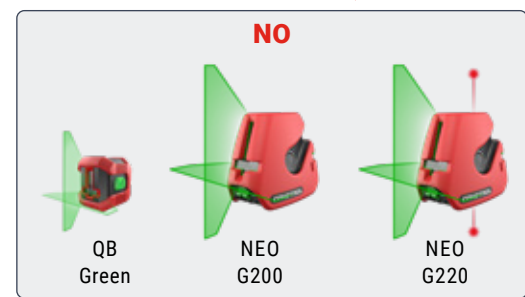


YES



▣ 360° PLANE

NO

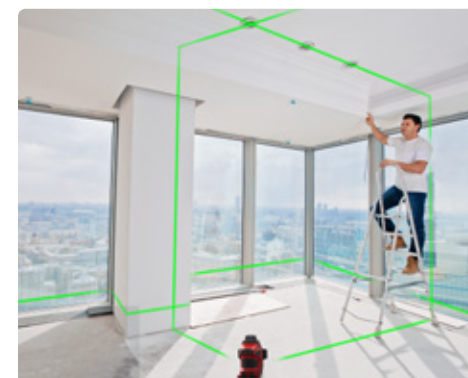
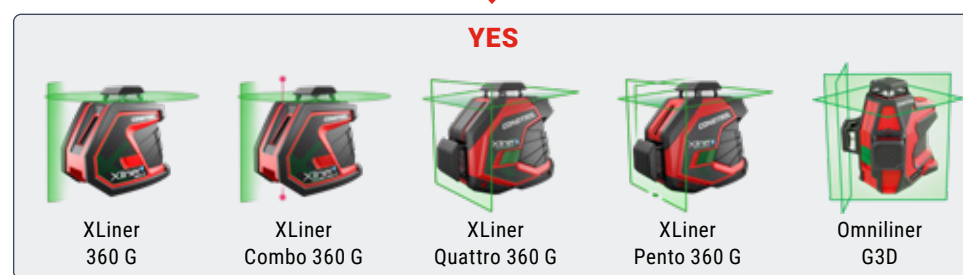


YES



✎ BLUETOOTH

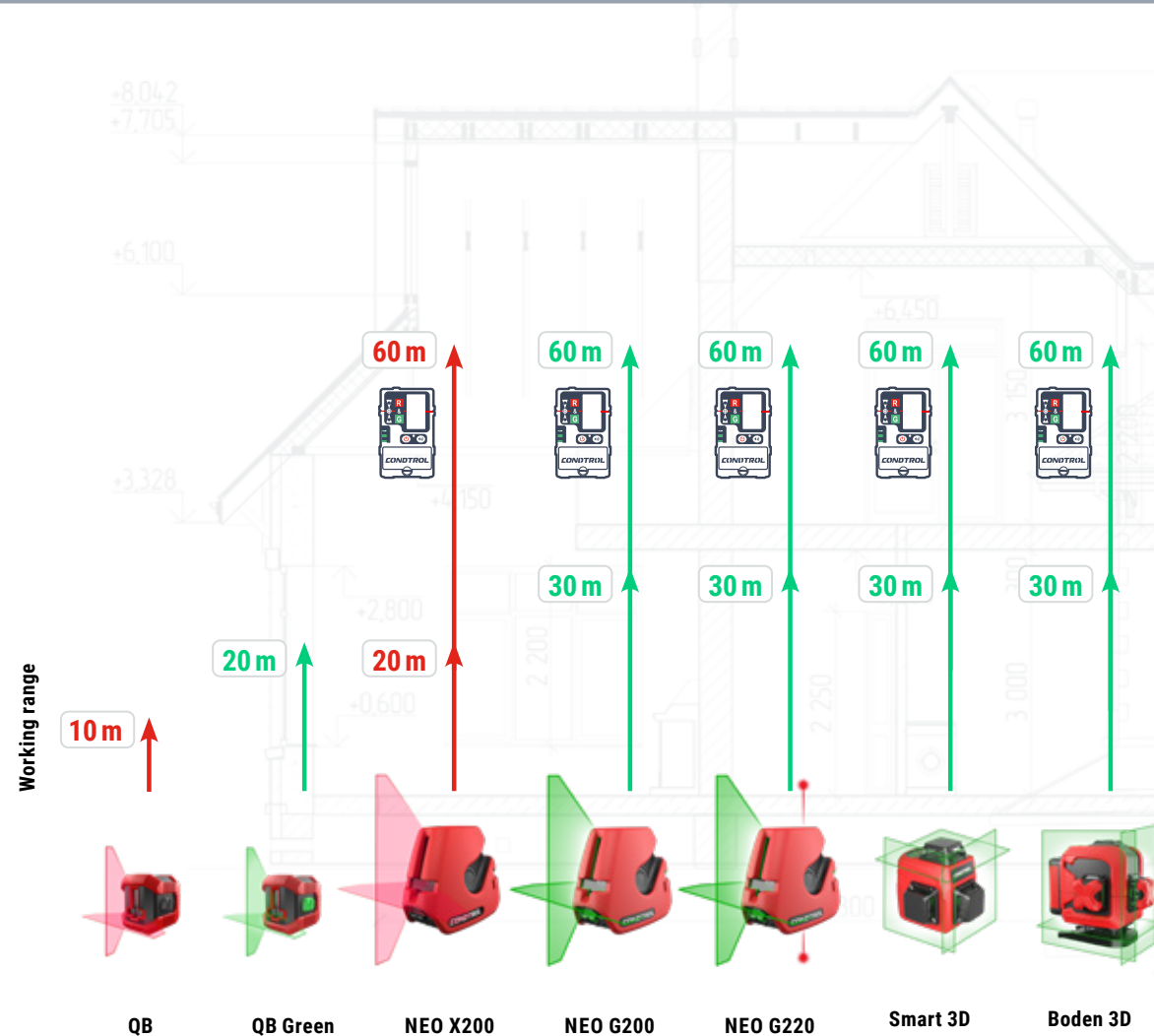
YES





SPECIFICATIONS

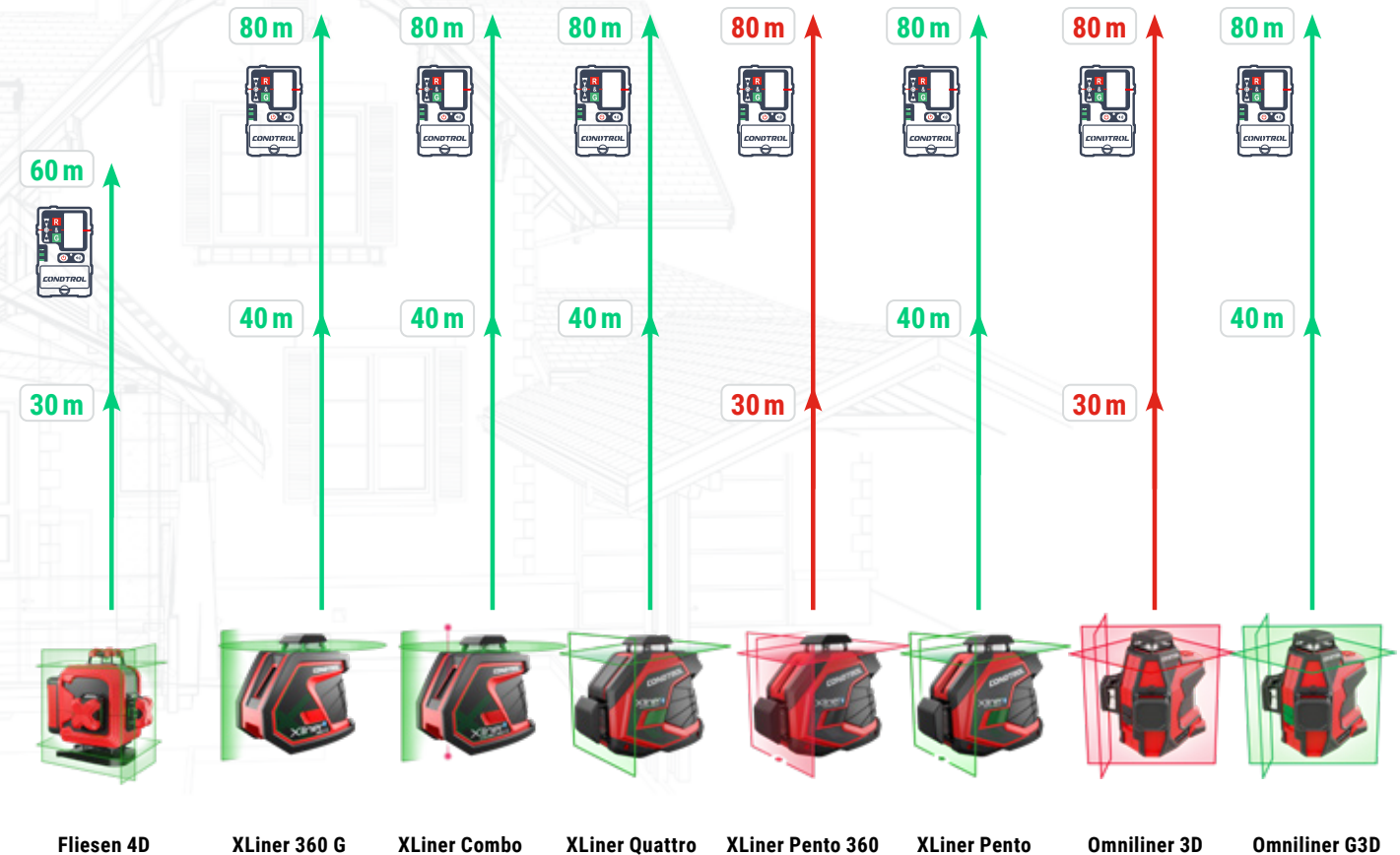
LASER LEVELS



TECHNICAL CHARACTERISTICS

	QB	QB Green	NEO X200	NEO G200	NEO G220	Smart 3D	Boden 3D
ACCURACY	± 0,5 mm/m	± 0,5 mm/m	± 0,3 mm/m	± 0,3 mm/m	± 0,3 mm/m	± 0,3 mm/m	± 0,3 mm/m
SELF-LEVELLING	±5°	±5°	±4,5°	±4,5°	±4,5°	±4°	±3°
CONTINUOUS OPERATING TIME	8 h	4 h	8 h	4,5 h	4,5 h	>8 h	>8 h
DUST AND WATER PROTECTION	.	.	.	.	.	.	.
TRIPOD THREAD	1/4"	1/4"	1/4" and 5/8"	1/4" and 5/8"	1/4" and 5/8"	1/4"	1/4" and 5/8"
LASER PLUMB					.		
BLUETOOTH							
Li-Ion BATTERY						.	.
LASER SOURCE	2x635 nm	1x520 nm	2x635 nm	2x520 nm	2x520 nm 1x635 nm	3x520 nm	3x515 nm
PROJECTION OF INCLINED LASER PLANE	.	.	.	.	.	.	.
NUMBER OF LASER BEAMS	1H 1V	1H 1V	1H 1V	1H 1V	1H 1V	1H 2V	1H 2V
360° PLANE						3x360°	3x360°

SPECIFICATIONS

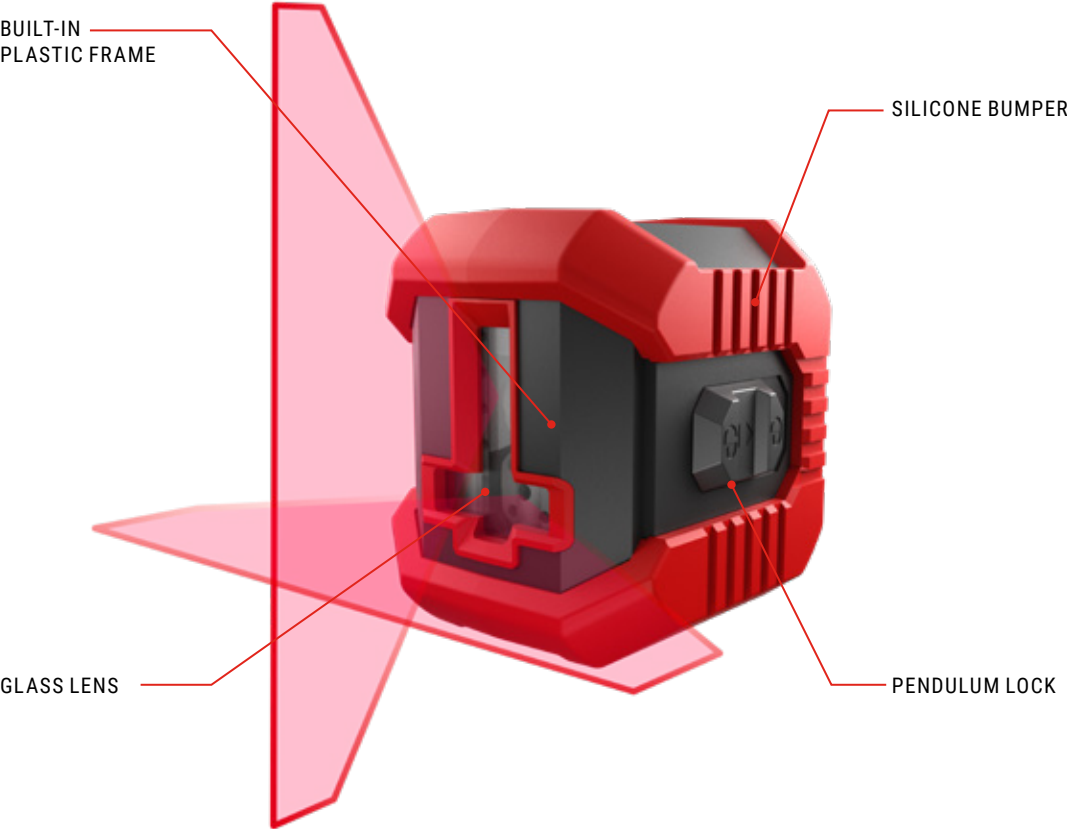


	Fliesen 4D	XLiner 360 G	XLiner Combo 360 G	XLiner Quattro 360 G	XLiner Pento 360 G	XLiner Pento 360 G	Omniliner 3D	Omniliner G3D
ACCURACY	± 0,3 mm/m	±0,2 mm/m	±0,2 mm/m	±0,2 mm/m	±0,2 mm/m	±0,2 mm/m	±0,2 mm/m	±0,2 mm/m
SELF-LEVELLING	±3°	±3,5°	±3,5°	±3,5°	±3,5°	±3,5°	±3,5°	±3,5°
CONTINUOUS OPERATING TIME	>8 h	>8 h	>8 h	>8 h	>8 h	>8 h	>10 h	>5 h
DUST AND WATER PROTECTION	.	IP54	IP54	IP54	IP54	IP54	IP65	IP65
TRIPOD THREAD	1/4" and 5/8"	1/4" and 5/8"	1/4" and 5/8"	1/4" and 5/8"	1/4" and 5/8"	1/4" and 5/8"	1/4" and 5/8"	1/4" and 5/8"
LASER PLUMB			.		.	.	.	.
BLUETOOTH		.	.	.	.	.	.	.
Li-Ion BATTERY	.			.	.	.	.	.
LASER SOURCE	4x515 nm	2x520 nm	3x520 nm	2x515 nm	3x635 nm	3x515 nm	3x635 nm	3x520 nm
PROJECTION OF INCLINED LASER PLANE	.	.	.	.	.	.	.	.
NUMBER OF LASER BEAMS	2H 2V	1H 1V	1H 1V	1H 1V	1H 2V	1H 2V	1H 2V	1H 2V
360° PLANE	4x360°	1x360°	1x360°	2x360°	2x360°	2x360°	3x360°	3x360°



Laser level Qb

LASER LEVELS



2

WARRANTY

YEAR

10m

0.5 mm/m

5.0°

IP54

1/4"

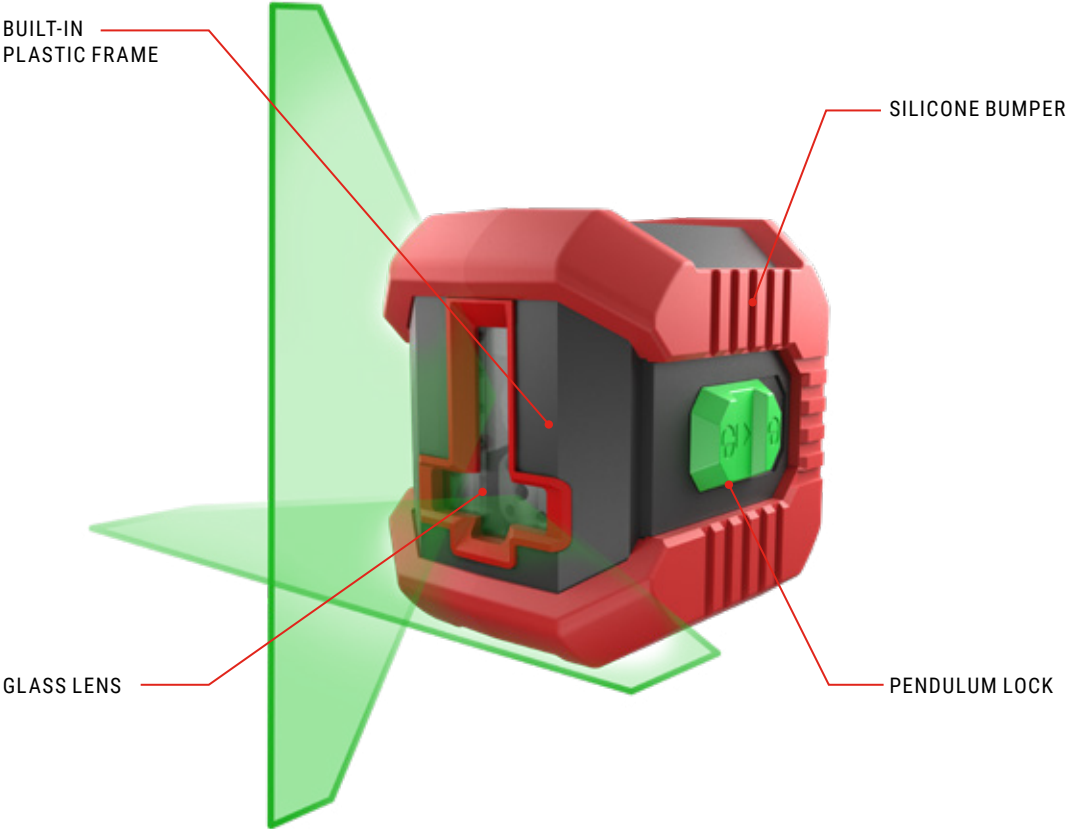
TECHNICAL CHARACTERISTICS	
Working range	10 m
Accuracy	±0,5 mm/m
Self-levelling	± 5°
Dust and water protection	IP 54
Tripod thread	1/4"
Laser type	Class II, 635 nm < 1 mW
Power supply	2x1,5 V AAA LR6
Dimensions	65x57x67 mm
Weight	175 g

DELIVERY PACKAGE	Qb	Qb Set
Item nr.	1-2-091	1-2-121
Laser Qb	•	•
Batteries	•	•
Tripod		•



Laser level Qb Green

LASER LEVELS



88%

22%

4x

BRIGHTER

2

WARRANTY

YEAR

20m

0.5 mm/m

5.0°

IP54

1/4"

TECHNICAL CHARACTERISTICS	
Working range	20 m
Accuracy	±0,5 mm/m
Self-levelling	± 5°
Dust and water protection	IP 54
Tripod thread	1/4"
Laser type	Class II, 520 nm < 1 mW
Power supply	2x1,5 V AAA LR6
Dimensions	65x57x67 mm
Weight	175 g

DELIVERY PACKAGE	Qb Green
Item nr.	1-2-304
Laser Qb Green	•
Batteries	•





Laser level NEO X200

PATENT

LASER LEVELS



2 WARRANTY YEAR

20m

60m

0.3 mm/m

4.5°

1/4" 5/8"

TECHNICAL CHARACTERISTICS	
Working range / with receiver	20 m / 60 m
Accuracy	±0,3 mm/m
Self-levelling	± 4,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 635 nm < 1 mW
Power supply	3x1,5 V AAA LR6
Dimensions	120x75x105 mm
Weight	500 g

DELIVERY PACKAGE	NEO X200 Set
Item nr.	1-2-123
Laser NEO X200	•
Batteries	•
Tripod 5/8"	•
Magnetic holder	•
Adapter 5/8" - 1/4"	•
Cable tie	•
Plastic case	•



Laser level NEO G200

PATENT



LASER LEVELS



88% 22% 4x6 BRIGHTER

2 WARRANTY YEAR

30m

60m

0.3 mm/m

4.5°

1/4" 5/8"

TECHNICAL CHARACTERISTICS	
Working range / with receiver	30 m / 60 m
Accuracy	±0,3 mm/m
Self-levelling	± 4,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 520 nm < 1 mW
Power supply	3x1,5 V AAA LR6
Dimensions	120x75x105 mm
Weight	500 g

DELIVERY PACKAGE	NEO G200
Item nr.	1-2-126
Laser NEO G200	•
Batteries	•
Magnetic holder	•
Adapter 5/8" - 1/4"	•
Cable tie	•
Pouch	•





Laser level NEO G220

PATENT

Laser level Smart 3D



LASER LEVELS

LASER LEVELS



88%

22%

4x

BRIGHTER

2 YEAR WARRANTY

30m

60m

0.3 mm/m

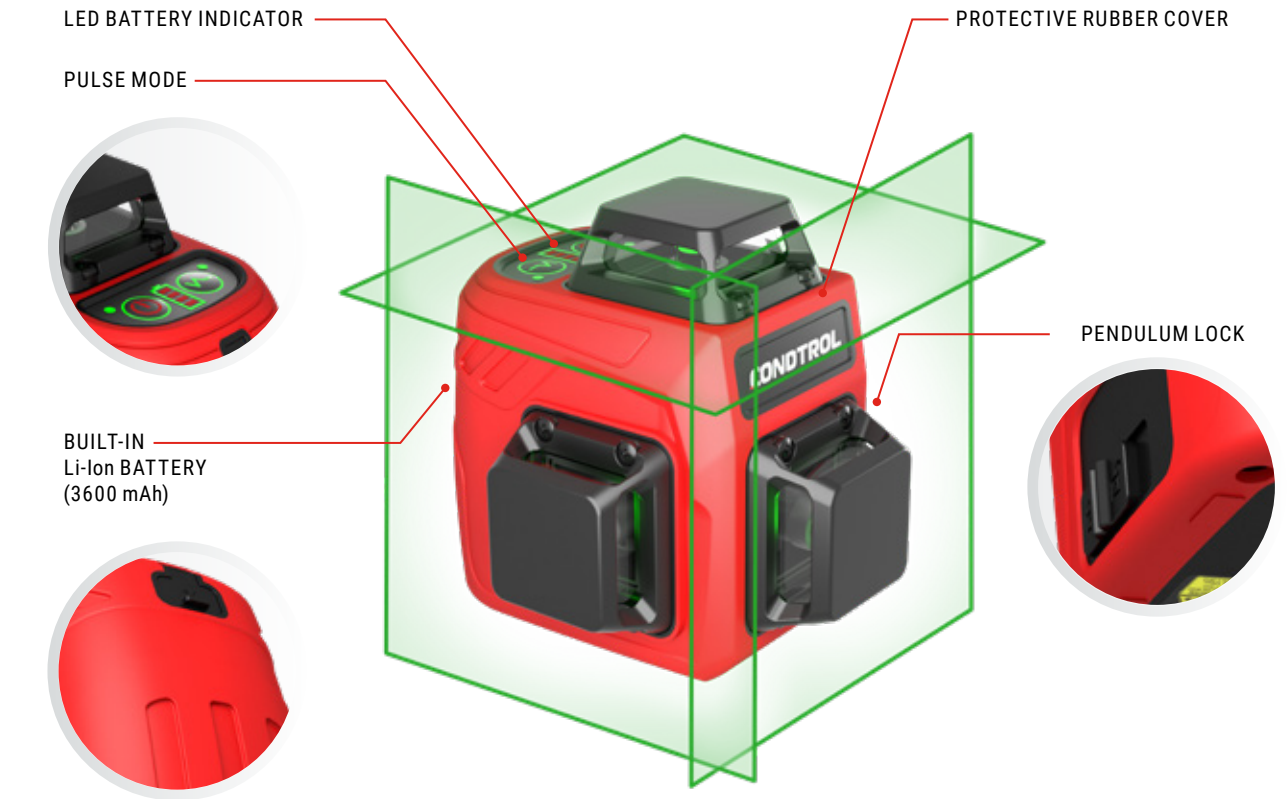
4.5°

1/4" 5/8"

TECHNICAL CHARACTERISTICS	
Working range / with receiver	30 m / 60 m
Accuracy	±0,3 mm/m
Self-levelling	± 4,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 520 nm < 1 mV
Power supply	3x1,5 V AAA LR6
Dimensions	120x75x105 mm
Weight	500 g



DELIVERY PACKAGE	NEO G220 Set	NEO G220 Kit
Item nr.	1-2-137	1-2-401
Laser NEO G220	•	•
Batteries	•	•
Tripod 5/8"	•	•
Adapter 5/8" - 1/4"	•	•
Cable tie	•	•
Magnetic target	•	•
Magnetic holder	•	•
WallMount Pro	•	•
Laser glasses	•	•
Plastic case	•	•



88%

22%

4x

BRIGHTER

2+1* YEAR WARRANTY

30m

60m

0.3 mm/m

4.0°

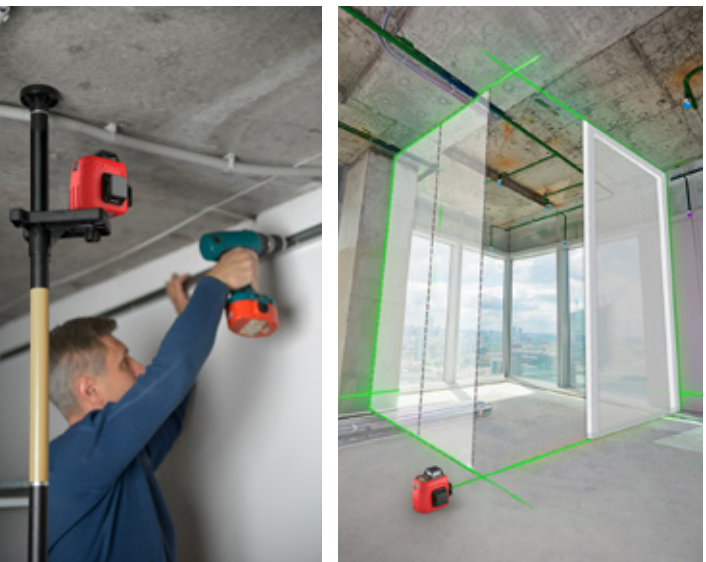
1/4"

Li-Ion

TECHNICAL CHARACTERISTICS	
Working range / with receiver	30 m / 60 m
Accuracy	±0,3 mm/m
Self-levelling	± 4°
Dust and water protection	IP54
Tripod thread	1/4"
Laser type	Class II, 520 nm < 1 mW
Power supply	3,7 V 3600 mAh Li-Ion rechargeable battery
Dimensions	105x77x98 mm
Weight	390 g



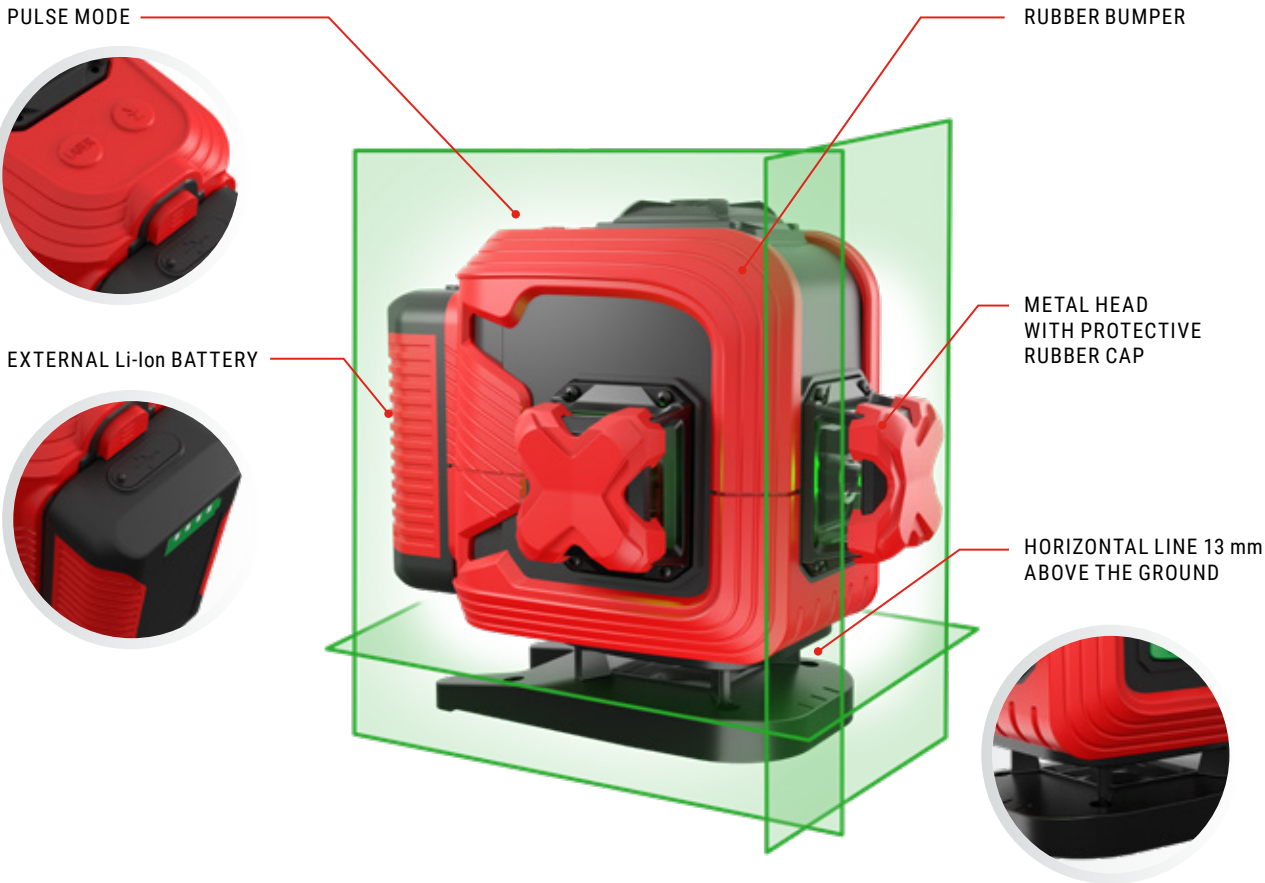
DELIVERY PACKAGE	Smart 3D
Item nr.	1-002-003
Laser Smart 3D	•
Li-Ion battery	•
Charger	•
Mount	•
Pouch	•





Laser level Boden 3D

LASER LEVELS



2+1* WARRANTY YEAR



TECHNICAL CHARACTERISTICS	
Working range / with receiver	30 m/60 m
Accuracy	±0,3 mm/m
Self-levelling	± 3°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 515 nm < 1 mW
Power supply	3,7 V 4000 mAh Li-Ion rechargeable battery
Dimensions	147x91x136 mm
Weight	728 g

DELIVERY PACKAGE	Boden 3D
Item nr.	1-002-001
Laser Boden 3D	•
Li-Ion battery 2 pcs.	•
Charger	•
Lifting platform	•
Pouch	•

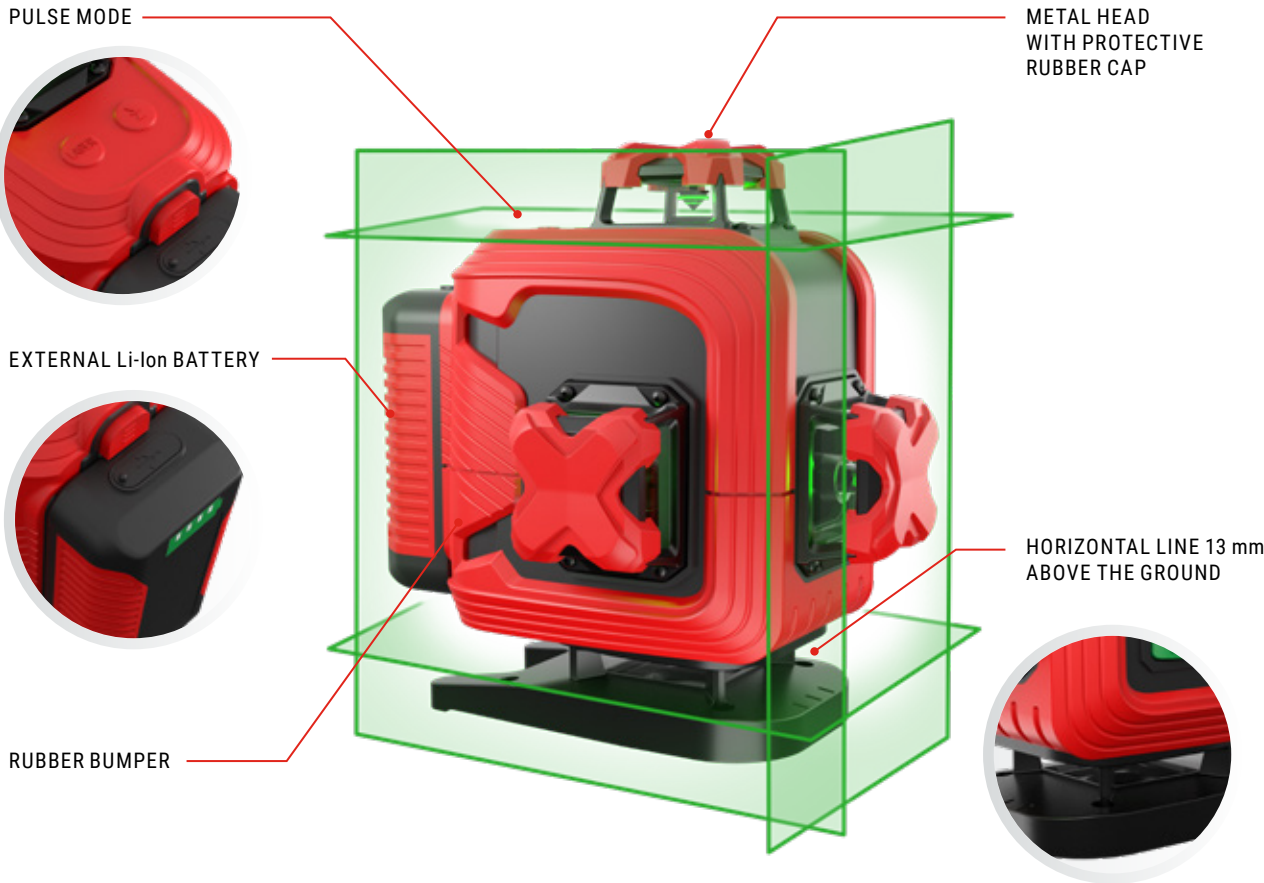
ADJUSTABLE HEIGHT 30-90 mm



Laser level Fliesen 4D



LASER LEVELS



2+1* WARRANTY YEAR



TECHNICAL CHARACTERISTICS	
Working range / with receiver	30 m/60 m
Accuracy	±0,3 mm/m
Self-levelling	± 3°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 515 nm < 1 mW
Power supply	3,7 V 4000 mAh Li-Ion rechargeable battery
Dimensions	147x91x147 mm
Weight	878 g

DELIVERY PACKAGE	Fliesen 4D
Item nr.	1-002-002
Laser Fliesen 4D	•
Li-Ion battery 2 pcs.	•
Charger	•
Lifting platform	•
WallMount Pro	•
Clamp	•
Magnetic target	•
Plastic case	•

ADJUSTABLE HEIGHT 30-90 mm





Laser level XLiner 360 G

PATENT

LASER LEVELS



88%
22%
4x
BRIGHTER

2+1*
WARRANTY
YEAR

40m

80m

0.2mm/m

3.5°

1/4"
5/8"

TECHNICAL CHARACTERISTICS	
Working range / with receiver	40 m/80 m
Accuracy	±0,2 mm/m
Self-levelling	± 3,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 520 nm < 1 mW
Power supply	4x1,5 V AAA LR6
Dimensions	132x85x116 mm
Weight	440 g

XLiner Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- selection of laser planes combinations
- pulse mode
- laser brightness adjustment
- control of the battery level



DELIVERY PACKAGE	
Item nr.	XLiner 360 G 1-2-134
Laser XLiner 360 G	•
Pouch	•
Batteries	•

Laser level XLiner Combo 360 G

PATENT



LASER LEVELS



88%
22%
4x
BRIGHTER

2+1*
WARRANTY
YEAR

40m

80m

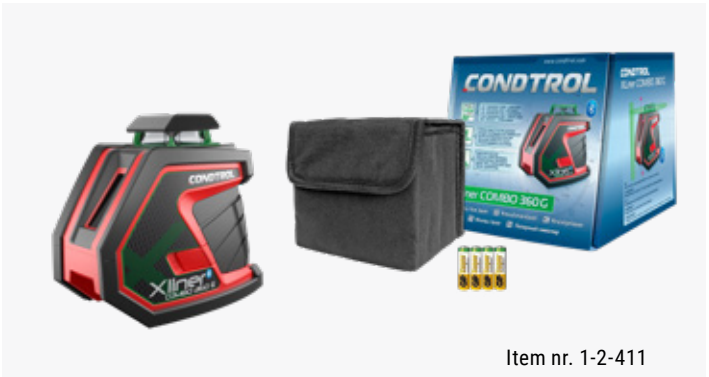
0.2mm/m

3.5°

1/4"
5/8"

TECHNICAL CHARACTERISTICS	
Working range / with receiver	40 m/80 m
Accuracy	±0,2 mm/m
Self-levelling	± 3,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 520 nm < 1 mW
Power supply	4x1,5 V AAA LR6
Dimensions	132x85x116 mm
Weight	440 g

DELIVERY PACKAGE	XLiner Combo 360 G	XLiner Combo 360 G Kit
Item nr.	1-2-411	1-2-412
Laser XLiner Combo 360 G	•	•
Batteries	•	•
WallMount Pro		•
Clamp		•
Magnetic target		•
Pouch	•	
Plastic case		•



Item nr. 1-2-411



Item nr. 1-2-412



Laser level XLiner Pento 360

PATENT

LASER LEVELS



2+1*
WARRANTY
YEAR

30m

80m

0.2mm/m

3.5°

1/4" 5/8"

Li-Ion

TECHNICAL CHARACTERISTICS	
Working range / with receiver	30 m/80 m
Accuracy	±0,2 mm/m
Self-levelling	± 3,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 635 nm < 1 mW
Power supply	7,4 V 2600 mAh Li-Ion rechargeable battery
Dimensions	155x85x132 mm
Weight	730 g

XLiner Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- selection of laser planes combinations
- pulse mode
- laser brightness adjustment
- control of the battery level



DELIVERY PACKAGE	XLiner Pento 360
Item nr.	1-2-159
Laser XLiner Pento 360	•
Li-Ion battery	•
Micro USB-cable	•
Charger	•
Pouch	•

Laser level XLiner Pento 360 G

PATENT



LASER LEVELS



88%
22%
4x
BRIGHTER

2+1*
WARRANTY
YEAR

40m

80m

0.2mm/m

3.5°

1/4" 5/8"

Li-Ion

TECHNICAL CHARACTERISTICS	
Working range / with receiver	40 m/80 m
Accuracy	±0,2 mm/m
Self-levelling	± 3,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 515 nm < 1 mW
Power supply	7,4 V 2600 mAh Li-Ion rechargeable battery
Dimensions	155x85x132 mm
Weight	730 g

DELIVERY PACKAGE	XLiner Pento 360 G	XLiner Pento 360 G Kit
Item nr.	1-2-158	1-2-410
Laser XLiner Pento 360 G	•	•
Li-Ion battery	•	•
Micro USB-cable	•	•
Charger	•	•
WallMount Pro		•
Clamp		•
Magnetic target		•
Plastic case		•
Pouch	•	



Item nr. 1-2-158



Item nr. 1-2-410



Laser level Omniliner 3D

PATENT

LASER LEVELS



2+1* WARRANTY YEAR



TECHNICAL CHARACTERISTICS

Working range / with receiver	30 m/80 m
Accuracy	±0,2 mm/m
Self-levelling	± 3,5°
Dust and water protection	IP65
Tripod thread	1/4", 5/8"
Laser type	Class II, 635 nm < 1 mW
Power supply	3,7 V 5200 mAh Li-Ion rechargeable battery
Dimensions	140x138x110 mm
Weight	774 g

XLiner Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- selection of laser planes combinations
- pulse mode
- laser brightness adjustment
- control of the battery level



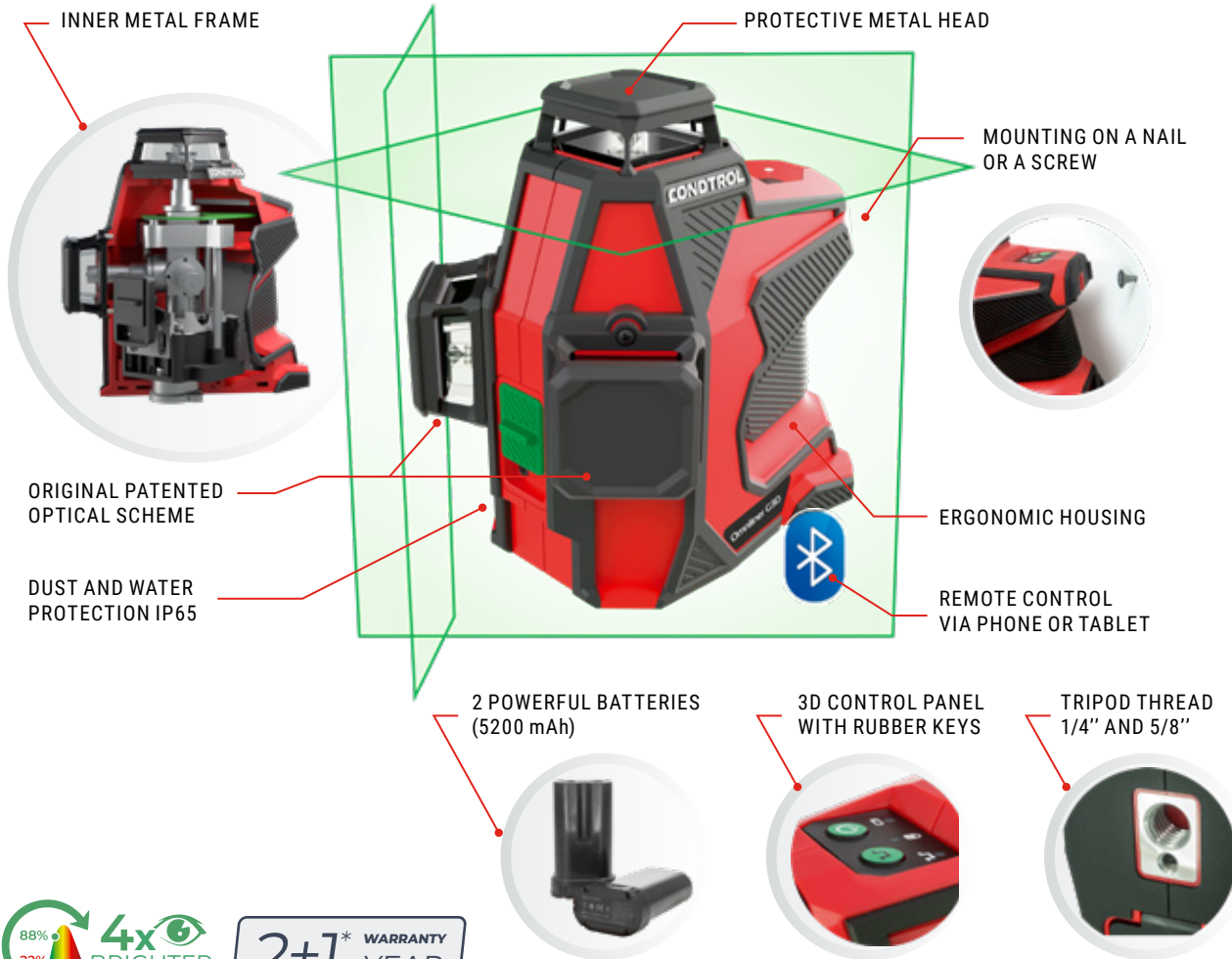
DELIVERY PACKAGE	Omniliner 3D
Item nr.	1-2-129
Laser Omniliner 3D	•
Li-Ion battery	•
Charger	•
Bag	•

Laser level Omniliner G3D

PATENT



LASER LEVELS



88%
22%
4x6
BRIGHTER

2+1* WARRANTY YEAR



TECHNICAL CHARACTERISTICS

Working range / with receiver	40 m/80 m
Accuracy	±0,2 mm/m
Self-levelling	± 3,5°
Dust and water protection	IP65
Tripod thread	1/4", 5/8"
Laser type	Class II, 520 nm < 1 mW
Power supply	3,7 V 5200 mAh Li-Ion rechargeable battery
Dimensions	140x138x110 mm
Weight	774 g

DELIVERY PACKAGE	Omniliner G3D	Omniliner G3D Kit
Item nr.	1-2-139	1-2-406
Laser Omniliner G3D	•	•
Li-Ion battery	•	•
Micro USB-cable	•	•
Universal mount	•	•
Clamp	•	•
Magnetic target	•	•
Bag	•	•
Plastic case	•	•



Item nr. 1-2-139



Item nr. 1-2-406



Laser level XLiner Quattro 360 G

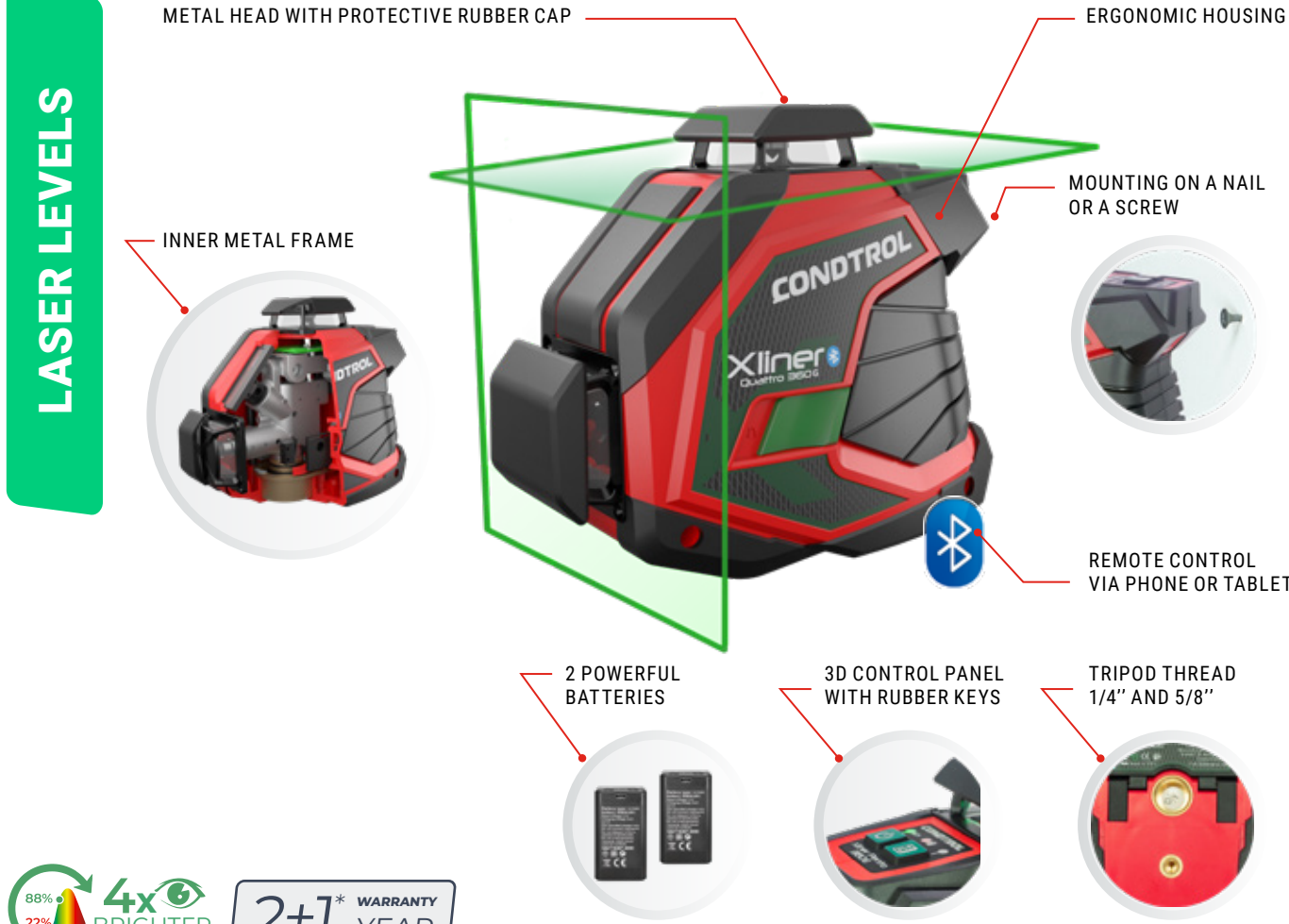
PATENT

FUNCTIONALITY



LASER LEVELS

ROTARY LASERS



88%
22%
4x
BRIGHTER

2+1*
WARRANTY
YEAR

40m

80m

0.2mm/m

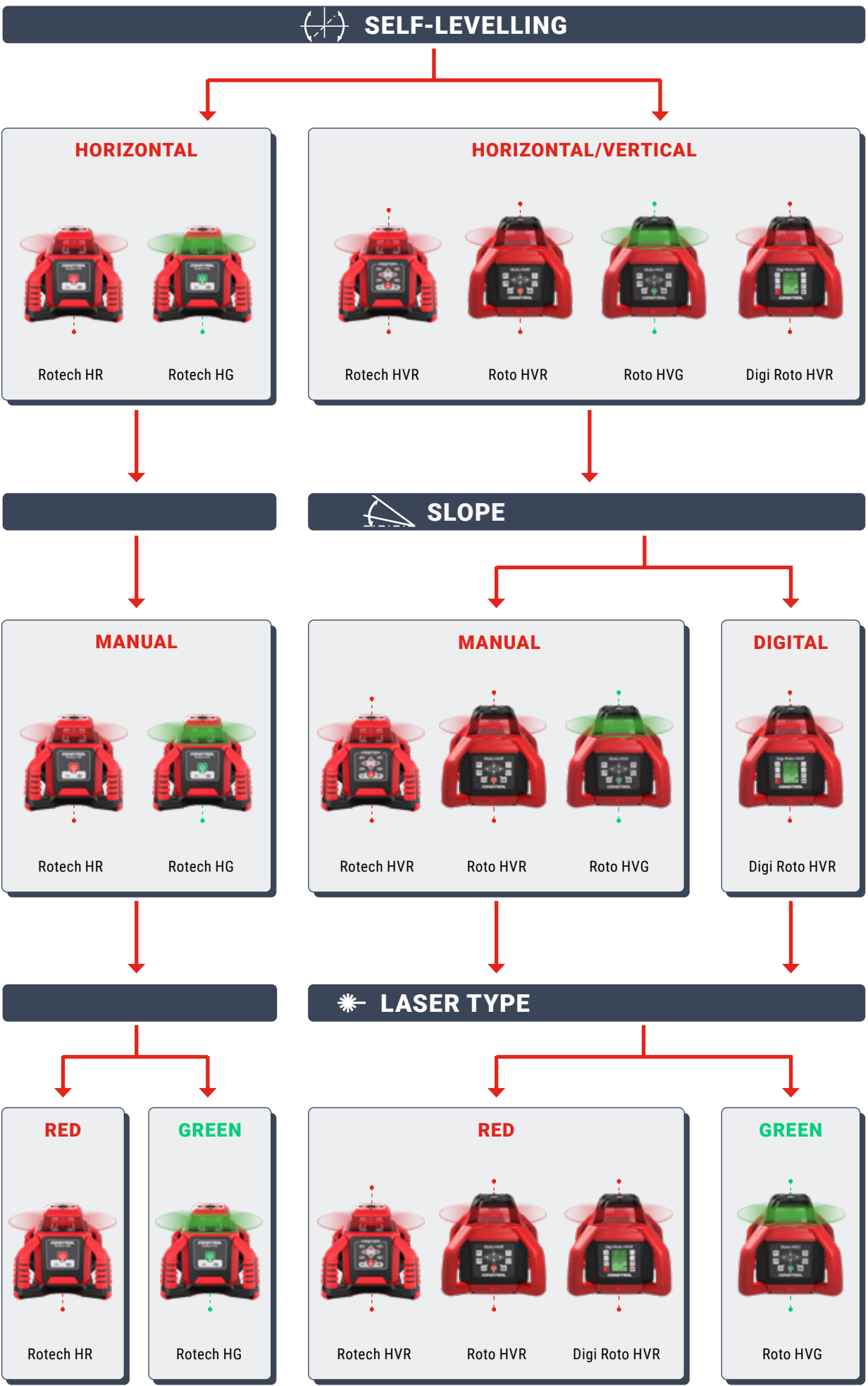
3.5°

1/4" 5/8"

Li-Ion

TECHNICAL CHARACTERISTICS	
Working range / with receiver	40 m/80 m
Accuracy	±0,2 mm/m
Self-levelling	± 3,5°
Dust and water protection	IP54
Tripod thread	1/4", 5/8"
Laser type	Class II, 515 nm < 1 mW
Power supply	7,4 V 2600 mAh Li-Ion rechargeable battery
Dimensions	155x85x132 mm
Weight	730 g

DELIVERY PACKAGE	XLiner Quattro 360 G	XLiner Quattro 360 G Kit
Item nr.	7-2-105	7-2-106
Laser XLiner Quattro 360 G	•	•
Li-Ion battery	•	•
Micro USB-cable	•	•
WallMount Pro	•	•
Clamp	•	•
Magnetic target	•	•
Plastic case	•	•
Pouch	•	•





SPECIFICATIONS

ROTARY LASERS



TECHNICAL CHARACTERISTICS

ACCURACY	0,1 mm/m	0,1 mm/m	0,1 mm/m
SELF-LEVELLING	±5°	±5°	±5°
CONTINUOUS OPERATING TIME	35 h	35 h	25 h
LASER TYPE	Class II, 630-685 nm < 1 mW	Class II, 630-685 nm < 1 mW	Class II, 515-520 nm < 1 mW
ROTATION SPEED	0, 120, 300, 600 rpm *	0, 120, 300, 600 rpm *	0, 120, 300, 600 rpm *
SCANNING MODE	0°, 10°, 45°, 90°, 180° *	0°, 10°, 45°, 90°, 180° *	0°, 10°, 45°, 90°, 180° *
WORKING RANGE OF THE REMOTE CONTROL	90 m	90 m	90 m
OPERATION BY THE APP VIA BLUETOOTH	.	.	.
DUST AND WATER PROTECTION	IP55	IP55	IP55
TRIPOD THREAD	5/8"	5/8"	5/8"
POWER SUPPLY	7,4 V 4000 mAh Li-Ion rechargeable battery	7,4 V 4000 mAh Li-Ion rechargeable battery	7,4 V 4000 mAh Li-Ion rechargeable battery
POWER SUPPLY OF THE RECEIVER	1 x 6F22 9 V	1 x 6F22 9 V	1 x 6F22 9 V
DIMENSIONS	150x128x161 mm	150x128x161 mm	150x128x161 mm
WEIGHT	1,5 kg	1,5 kg	1,5 kg

SPECIFICATIONS



0,09 mm/m	0,09 mm/m	0,09 mm/m
±5°	±5°	±5°
20 h	15 h	20 h
Class II, 635 nm < 1 mW	Class II, 520 nm < 1 mW	Class II, 635 nm < 1 mW
0, 60, 120, 300, 600 rpm	0, 60, 120, 300, 600 rpm	0, 60, 120, 300, 600 rpm
0°, 10°, 45°, 90°, 180°	0°, 10°, 45°, 90°, 180°	0°, 10°, 45°, 90°, 180°
90 m	90 m	100 m
.	.	.
IP67	IP67	IP67
5/8"	5/8"	5/8"
4 x 1,2 V 4000 mAh Ni-MH rechargeable battery	4 x 1,2 V 4000 mAh Ni-MH rechargeable battery	4 x 1,2 V 4000 mAh Ni-MH rechargeable battery
1 x 6F22 9 V	1 x 6F22 9 V	1 x 6F22 9 V
206x206x211 mm	206x206x211 mm	206x206x211 mm
2,5 kg	2,5 kg	3 kg

Roto Remote - a modern app

Roto Remote is a free app that allows to operate Bluetooth-enabled CONDTROL rotary lasers via a smartphone or a tablet.

- The Roto Remote app allows you to do the following:
- adjust the rotation speed of the laser emitter - 120, 300, 600 rpm;
 - select the scanning sector - 10°, 45°, 90°, 180°;
 - set the inclination to the X, Y axis;
 - monitor the battery level.

Unlike the IR remote, the installed Roto Remote app and the Bluetooth module make it possible to control the laser level remotely at a distance of up to 100 m. Graphical interface of the app allows you to get feedback when working with the device.

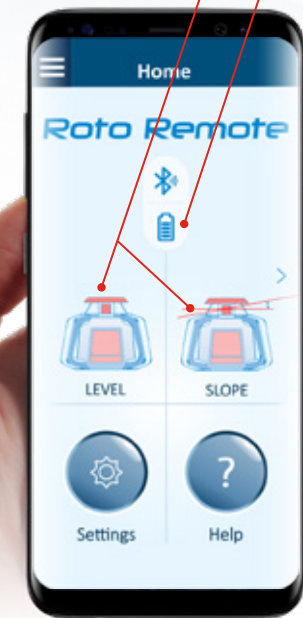
These are the only rotary levels on the market that have such a useful and convenient (practical) innovation that significantly expands the functionality.

Download Roto Remote from App Store and Google Play.



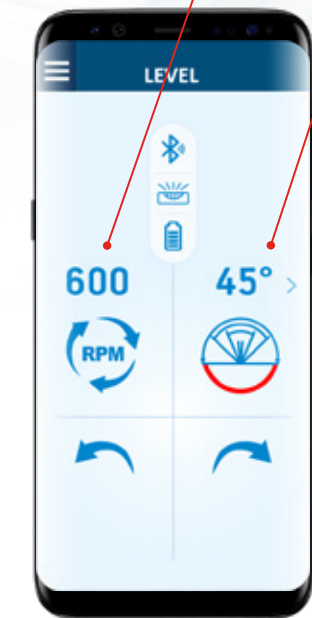
DISPLAY OF THE BATTERY CHARGE LEVEL

MODE SELECTION

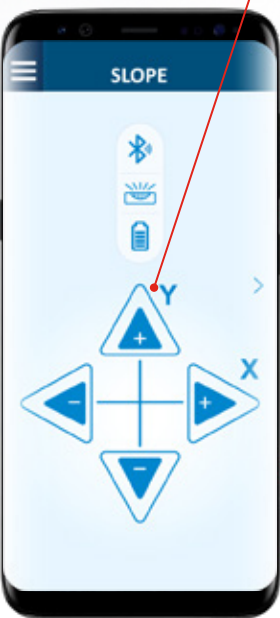


ADJUSTMENT OF A SCANNING SECTOR

ROTATION SPEED MEASUREMENT



MANUAL ADJUSTMENT OF THE TILT ANGLE



Rotary laser Easy Roto HVR / Rotech HVR



2+1* WARRANTY YEAR

400 m

0.1 mm/m

5.0°

IP55

Li-Ion

TECHNICAL CHARACTERISTICS	
Working range with receiver	400 m
Accuracy	0,1 mm/m
Self-levelling	± 5°
Rotation speed	0, 120, 300, 600 rpm
Scanning mode	0°, 10°; 45°; 90°; 180°
Dust and water protection	IP55
Laser type	Class II, 630-685 nm <1 mW
Power supply	7,4 V 4000 mAh Li-Ion rechargeable battery
Dimensions	150x128x161 mm
Weight	1,5 kg

DELIVERY PACKAGE	Easy Roto HVR	Rotech HVR
Item nr.	7-2-113	1-002-100
Laser	•	•
Li-Ion battery	•	•
Laser receiver	•	•
Charger	•	•
Universal mount	•	•
Mount for laser receiver	•	•
Laser glasses	•	•
Magnetic target	•	•
Four handle platform	•	•
Plastic case	•	•

Roto Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- display of the battery charge level
- mode selection
- rotation speed measurement
- adjustment of a scanning sector
- manual adjustment of the tilt angle





Rotary laser Roto HR / Rotech HR

ROTARY LASERS



2+1* WARRANTY YEAR



TECHNICAL CHARACTERISTICS

Working range with receiver	500 m
Accuracy	0,1 mm/m
Self-levelling	± 5°
Rotation speed	0, 120, 300, 600 rpm
Scanning mode	0°, 10°, 45°, 90°, 180°
Dust and water protection	IP55
Laser type	Class II, 630-685 nm < 1 mW
Power supply	7,4 V 4000 mAh Li-Ion rechargeable battery
Dimensions	150x128x161 mm
Weight	1,5 kg

Roto Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- display of the battery charge level
- mode selection
- rotation speed measurement
- adjustment of a scanning sector
- manual adjustment of the tilt angle



Roto HR

DELIVERY PACKAGE	Roto HR	Roto HR Set	Rotech HR
Item nr.	7-2-091	7-2-092	1-002-101
Laser	•	•	•
Li-Ion battery	•	•	•
Laser receiver X-act Roto	•	•	•
Charger	•	•	•
Universal mount	•	•	•
Mount for laser receiver	•	•	•
Laser glasses	•	•	•
Magnetic target	•	•	•
Four handle platform			•
Geodatic tripod Geo		•	
Leveling pole Flexi Staff		•	
Plastic case	•	•	•

Rotary laser Roto HG / Rotech HG



ROTARY LASERS



2+1* WARRANTY YEAR



TECHNICAL CHARACTERISTICS

Working range with receiver	500 m
Accuracy	0,1 mm/m
Self-levelling	± 5°
Rotation speed	0, 120, 300, 600 rpm
Scanning mode	0°, 10°, 45°, 90°, 180°
Dust and water protection	IP55
Laser type	Class II, 515-520 nm < 1 mW
Power supply	7,4 V 4000 mAh Li-Ion rechargeable battery
Dimensions	150x128x161 mm
Weight	1,5 kg

Roto Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- display of the battery charge level
- mode selection
- rotation speed measurement
- adjustment of a scanning sector
- manual adjustment of the tilt angle



Roto HG

DELIVERY PACKAGE	Roto HG	Roto HG Set	Rotech HG
Item nr.	7-2-087	7-2-093	1-002-102
Laser	•	•	•
Li-Ion battery	•	•	•
Laser receiver X-act Roto	•	•	•
Charger	•	•	•
Universal mount	•	•	•
Mount for laser receiver	•	•	•
Laser glasses	•	•	•
Magnetic target	•	•	•
Four handle platform			•
Geodatic tripod Geo		•	
Leveling pole Flexi Staff		•	
Plastic case	•	•	•



Rotary laser Roto HVR

ROTARY LASERS



2+1*
WARRANTY
YEAR

600m

0.09mm/m

5.0°

IP67

Ni-MH

TECHNICAL CHARACTERISTICS	
Working range with receiver	600 m
Accuracy	0,09 mm/m
Self-levelling	± 5°
Rotation speed	0, 60, 120, 300, 600 rpm
Scanning mode	0°, 10°, 45°, 90°, 180°
Dust and water protection	IP67
Laser type	Class II, 635 nm < 1 mW
Power supply	4 x 1,2 V 4000 mAh Ni-MH rechargeable battery
Dimensions	206x206x211 mm
Weight	2,5 kg

Roto Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- display of the battery charge level
- mode selection
- rotation speed measurement
- adjustment of a scanning sector
- manual adjustment of the tilt angle



DELIVERY PACKAGE	Roto HVR	Roto HVR Set
Item nr.	7-2-000	7-2-094
Laser	•	•
Ni-MH batteries	•	•
Laser receiver X-act Roto	•	•
Charger	•	•
Universal mount	•	•
Mount for laser receiver	•	•
Laser glasses	•	•
Magnetic target	•	•
Geodatic tripod Geo	•	•
Leveling pole Flexi Staff	•	•
Plastic case	•	•

Rotary laser Roto HVG



ROTARY LASERS



88%
22%
4x
BRIGHTER

2+1*
WARRANTY
YEAR

600m

0.09mm/m

5.0°

IP67

Ni-MH

TECHNICAL CHARACTERISTICS	
Working range with receiver	600 m
Accuracy	0,09 mm/m
Self-levelling	± 5°
Rotation speed	0, 60, 120, 300, 600 rpm
Scanning mode	0°, 10°, 45°, 90°, 180°
Dust and water protection	IP67
Laser type	Class II, 520 nm < 1 mW
Power supply	4 x 1,2 V 4000 mAh Ni-MH rechargeable battery
Dimensions	206x206x211 mm
Weight	2,5 kg

DELIVERY PACKAGE	Roto HVG	Roto HVG Set
Item nr.	7-2-001	7-2-095
Laser	•	•
Ni-MH batteries	•	•
Laser receiver X-act Roto	•	•
Charger	•	•
Universal mount	•	•
Mount for laser receiver	•	•
Laser glasses	•	•
Magnetic target	•	•
Geodatic tripod Geo	•	•
Leveling pole Flexi Staff	•	•
Plastic case	•	•





Rotary laser Digi Roto HVR

ROTARY LASERS



2+1* WARRANTY YEAR

600m

0.09mm/m

5.0°

IP67

Ni-MH

TECHNICAL CHARACTERISTICS	
Working range with receiver	600 m
Accuracy	0,09 mm/m
Self-levelling	± 5°
Rotation speed	0, 60, 120, 300, 600 rpm
Scanning mode	0°, 10°, 45°, 90°, 180°
Dust and water protection	IP67
Laser type	Class II, 635 nm < 1 mW
Power supply	4 x 1,2 V 4000 mAh Ni-MH rechargeable battery
Dimensions	206x206x211 mm
Weight	3 kg

Roto Remote App enables you to control the laser via Bluetooth from your smartphone. Main functions:

- display of the battery charge level
- mode selection
- rotation speed measurement
- adjustment of a scanning sector
- manual adjustment of the tilt angle



DELIVERY PACKAGE	Digi Roto HVR
Item nr.	7-2-096
Laser Digi Roto HVR	•
Ni-MH batteries	•
Laser receiver X-act Roto	•
Charger	•
Remote control	•
Universal mount	•
Mount for laser receiver	•
Laser glasses	•
Magnetic target	•
Plastic case	•

Machine control receiver MC-200 Set



ROTARY LASERS



2+1* WARRANTY YEAR

200m

IP66

Ni-MH

TECHNICAL CHARACTERISTICS	
Working range	200 m
Fine accuracy	±2-10 mm
Coarse accuracy	±5-23 mm
Sensor length	25 cm
Dust and water protection	IP66
Power supply	7,2 V 3000 mAh Ni-Mh battery
Dimensions	376x180x49 mm
Weight	3,1 kg

DELIVERY PACKAGE	MC-200 SET
Item nr.	465-6-01
Device MC-200 Set	•
Cabin receiver	•
Magnetic clamp	•
Charger	•
Connection cable	•
Plastic case	•
OPTIONAL ACCESSORY	
Metal clamps (not included)	465-6-02



TECHNICAL CHARACTERISTICS	
TELESCOPE	
Length	155 mm
Objective aperture	45 mm
Magnification	30x
Image	erect
Angular field of view	1° 30'
Minimal viewing distance	1,3 m
Stadia ratio	100
Additive constante	0
ELECTRONIC ANGLE MEASUREMENT	
Method	incremental
LCD	double
Accuracy of angle measurement	10"
Circle diameter	71 mm
BACKLIGHT	LCD, cross wires
DATA TRANSFER	
EDM interface	•
Data output	•
LEVEL SENSITIVITY	
Cylindrical level	30"/2 mm
Universal level	8'/2 mm
Power supply	6V1300 mAh Ni-MH rechargeable batterie
Dimensions	160x190x324 mm
Weight	4,8 kg



DELIVERY PACKAGE	iTeo 10
Item nr.	2-2-015
Device iTeo 10	•
Charger	•
Battery box for alkaline-batteries	•
Screwdriver	•
Adjusting pin	•
Brush	•
Cleaning flannel-cloth	•
Plastic case	•



TECHNICAL CHARACTERISTICS	24X	32X
Standard deviation per 1 km double-run levelling	2 mm	1,5 mm
Magnification	24x	32x
Objective aperture	38 mm	
Minimal viewing distance	0,6 m	
Stadia Ratio	100	
Type of compensator	magnetic	
Compensator operating range	15'	
Setting accuracy	0,5"	
Dimensions	190x128x123 mm	
Weight	1,22 kg	



DELIVERY PACKAGE	24X
Item nr.	2-3-038
Device 24X	•
Plummet	•
Adjusting pin	•
Case	•

DELIVERY PACKAGE	32X	32X Set
Item nr.	2-3-039	2-3-047
Device 32X	•	•
Geodatic tripod Geo	•	•
Leveling pole TS5	•	•
Plummet	•	•
Adjusting pin	•	•
Case	•	•



SURVEYING EQUIPMENT

Measuring wheel Wheel Pro/ WheelTronic



2

WARRANTY

YEAR

99999.9m

0.3%

TECHNICAL CHARACTERISTICS	
Measuring range	0-99999,9 m
Accuracy	±0,3%
Smallest unit displayed	0,1 m
Wheel diameter	318 mm
Circumference	1 m
Brake	•
Dimensions	1100x320x160 mm/ 580x320x160 mm
Weight	2 kg



DELIVERY PACKAGE	Wheel Pro
Item nr.	2-10-006
Device Wheel Pro	•
Pouch	•

2

WARRANTY

YEAR

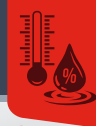
99999.9m

0.5%

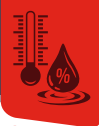
TECHNICAL CHARACTERISTICS	
Measuring range	0-99999,9 m
Accuracy	±0,5%
Smallest unit displayed	0,1 m
Wheel diameter	160 mm
Circumference	0,5 m
Power supply	2x1,5V (AAA)
Display	•
Dimensions	1120x160x90 mm/ 670x160x90 mm
Weight	0,7 kg



DELIVERY PACKAGE	WheelTronic
Item nr.	2-10-005
Device WheelTronic	•
Batteries	•
Pouch	•

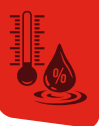


NON-DESTRUCTIVE TESTING INSTRUMENTS



SPECIFICATIONS

Infrared thermometer IR-T1



TECHNICAL CHARACTERISTICS

	IR-T1	Maxwell 3	Maxwell 4
ACCURACY	±1,5 °C (± 1,5%)	± 2 °C (± 1,5%)	± 2 °C (± 2%)
MEASURING RANGE OF SURFACE TEMPERATURE	-50 °C...600 °C	-30 °C ...380 °C	-50 °C...+800 °C
DISPLAY	LCD	LCD	LCD
OPTICAL RESOLUTION	12:1	12:1	12:1
POWER SUPPLY	1x1,5 V (AA)	2x1,5 V (AAA)	1x9 V 6F22
DIMENSIONS	165x47x59 mm	148x102x46 mm	104x164x47 mm
WEIGHT	135 g	130 g	155 g



2+1* WARRANTY YEAR

-50 °C +600 °C	1.5 °C	D:S 12:1	0.1 - 1.0
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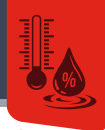
TECHNICAL CHARACTERISTICS

Accuracy	±1,5 °C (± 1,5%)
Measuring range of surface temperature	-50 °C...600 °C
Display	LCD
Optical resolution	12:1
Power supply	2x1,5V (AAA)
Dimensions	165x47x59 mm
Weight	135 g

DELIVERY PACKAGE

	IR-T1
Item nr.	3-16-024
Device IR-T1	•
Batteries	•





NON-DESTRUCTIVE TESTING INSTRUMENTS

Infrared thermometer Maxwell 3

LASER SPOT MARKING
TO DETERMINE THE SIZE
OF THE MEASURED SPOT



DETERMINATION OF MIN/MAX TEMPERATURE
WITH A RED DIODE



€ ADJUSTMENT OF EMISSIVITY

DATA HOLD FUNCTION TO CAPTURE
MEASUREMENTS ON THE SCREEN



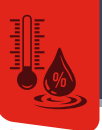
2+1* WARRANTY
YEAR

-30 °C +380 °C 2.0 °C D:S 12:1 € 0.1 - 1.0

TECHNICAL CHARACTERISTICS	
Accuracy	± 2 °C (± 1,5%)
Measuring range of surface temperature	-30 °C ...380 °C
Display	LCD
Optical resolution	12:1
Power supply	2x1,5 V (AAA)
Dimensions	148x102x46 mm
Weight	130 g



DELIVERY PACKAGE	Maxwell 3
Item nr.	3-16-043
Device Maxwell 3	•
Batteries	•



NON-DESTRUCTIVE TESTING INSTRUMENTS

Infrared thermometer-hygrometer Maxwell 4

LASER SPOT MARKING
TO DETERMINE THE SIZE
OF THE MEASURED SPOT



RH SENSOR



DETERMINATION OF COLD BRIDGES
WITH RED/YELLOW/GREEN DIODE



€ ADJUSTMENT OF EMISSIVITY

DEW POINT MODE



UV-ILLUMINATION
FOR DIAGNOSTICS
OF AIR CONDITIONING
SYSTEMS



2+1* WARRANTY
YEAR

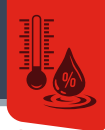
-50 °C +800 °C 2.0 °C D:S 12:1 € 0.1 - 1.0 RH 0 - 100%

TECHNICAL CHARACTERISTICS	
Accuracy	± 2 °C (± 2%)
Measuring range of surface temperature	-50 °C...+800 °C
Display	LCD
Measuring range of ambient temperature	-10 °C...+60 °C
Measuring range of relative humidity	0% ...100%
Optical resolution	12:1
Power supply	1x9 V 6F22
Dimensions	104x164x47 mm
Weight	155 g



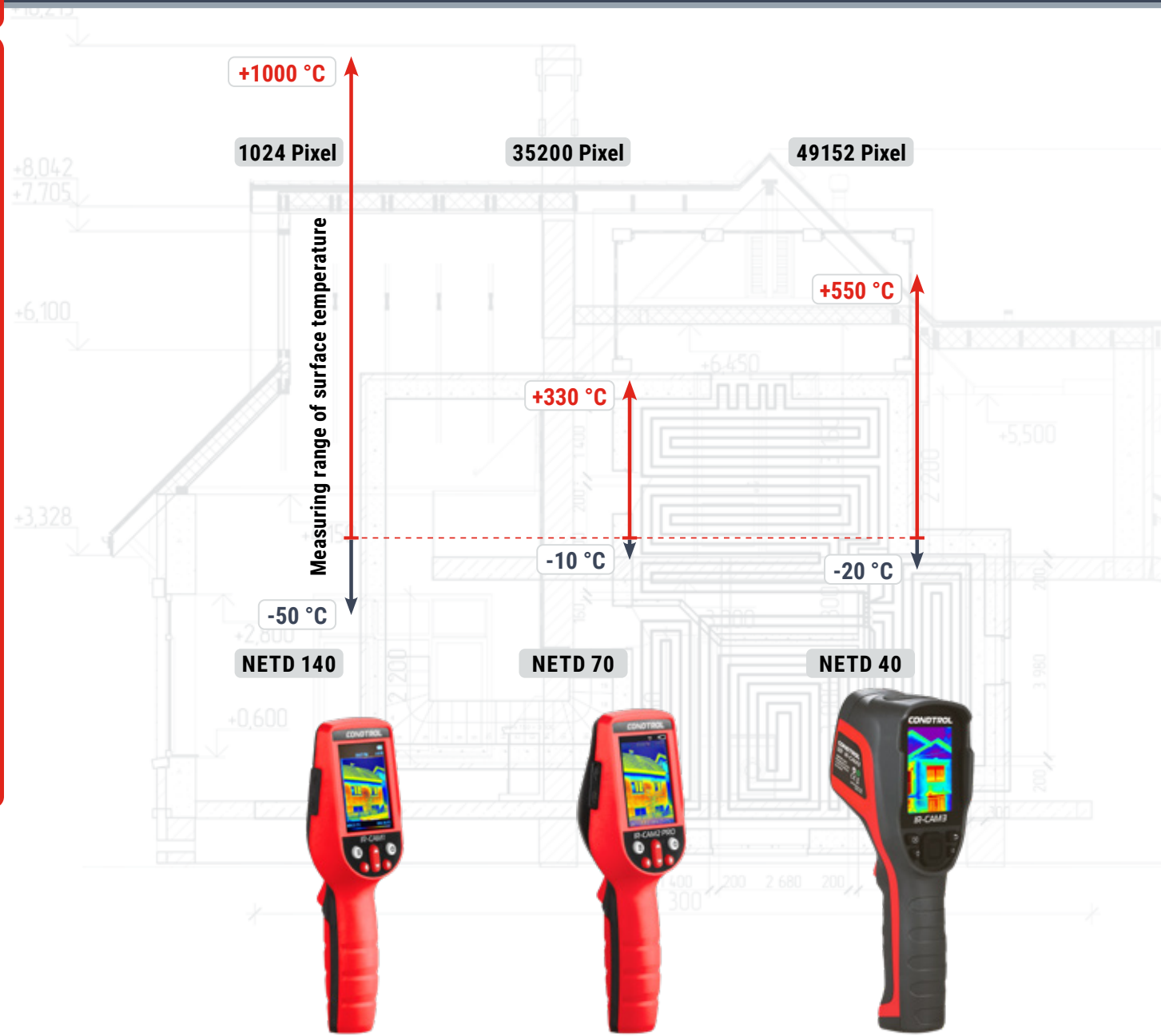
DELIVERY PACKAGE	Maxwell 4
Item nr.	3-16-044
Device Maxwell 4	•
Batteries	•





NON-DESTRUCTIVE TESTING INSTRUMENTS

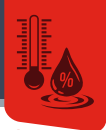
SPECIFICATIONS



TECHNICAL CHARACTERISTICS

	IR-CAM 1	IR-CAM 2 Pro	IR-CAM 3
ACCURACY	± 2°C (± 2%)	± 2°C (± 2%)	± 2°C (± 2%)
THERMAL SENSITIVITY	0,14 °C	0,07 °C	0,04 °C
VIEWING ANGLE	33°x33°	35,4°x26,8°	56°x42°
RESOLUTION OF INFRARED IMAGE	32x32 (1024) Pixel	220x160 (35200) Pixel	256x192 (49152) Pixel
DIGITAL CAMERA	2 Megapixel	2 Megapixel	2 Megapixel
DISPLAY	2,8 inch. touch sensitive colour LCD	2,8 inch. touch sensitive colour LCD	2,8 inch. colour LCD
OPERATING TEMPERATURE	-10 °C...+50 °C	-10 °C...+50 °C	-10 °C...+50 °C
STORAGE TEMPERATURE	-20 °C...+60 °C	-20 °C...+60 °C	-20 °C...+60 °C
STORAGE HUMIDITY	10%...80%	10%...80%	10%...95%
DIMENSIONS	217x63x50 mm	220x69x70 mm	230x72x95 mm
WEIGHT	230 g	260 g	520 g
POWER SUPPLY	3,7 V 2500 mAh Li-Ion rechargeable battery	3,7 V 3200 mAh Li-Ion rechargeable battery	3,6 V 5000 mAh Li-Ion rechargeable battery
INTERNAL MEMORY	1 GB with ability to save to PC via USB	1 GB with ability to save to PC via USB	
EXTERNAL MEMORY	up to 16 GB (memory card slot)	up to 16 GB (memory card slot)	Micro SD card 16 GB (provided)
USB			

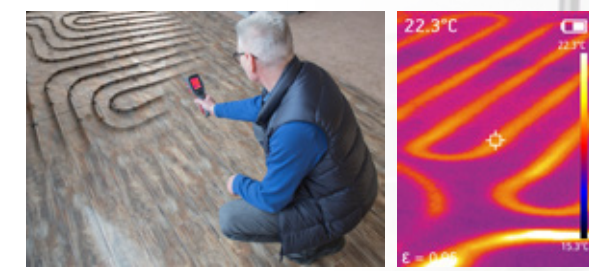
Thermal imagers



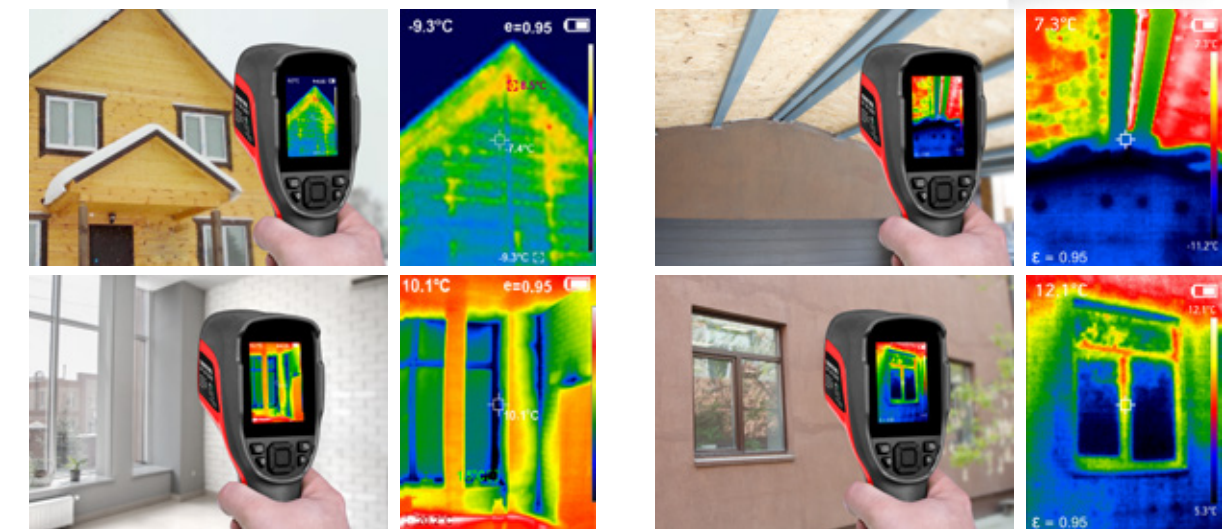
NON-DESTRUCTIVE TESTING INSTRUMENTS

49 152 Pixels FOR A VARIETY OF USES

MONITORING OF THE HEATED FLOOR



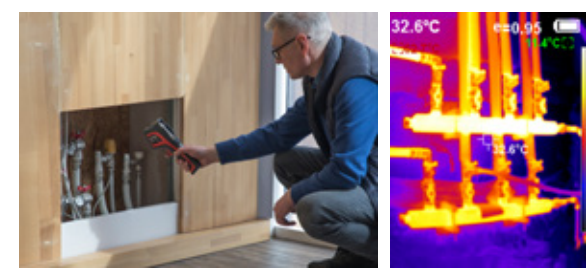
HEAT LEAKAGE DETECTION INSIDE AND OUTSIDE (FACADE, ROOF, WINDOWS)



MONITORING OF RADIATORS AND AIR-CONDITIONERS



DETECTION OF WET PLACES AND LEAKS

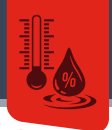


ASSESSMENT OF INSULATION CONDITION



OVERHEAT DETECTION OF ELECTRIC EQUIPMENT





NON-DESTRUCTIVE TESTING INSTRUMENTS

Thermal imager IR-CAM1

ACTIVE TEMPERATURE CONTROL ON THE DISPLAY VIA TOUCH SCREEN

VIDEO-THERMOGRAPHY

INTERNAL MEMORY

RECHARGEABLE BATTERY

TRIPOD THREAD

GERMAN SENSOR

32X32 (1024) Pixel

NETD 140 mK

-30°C...+1000°C

MIXING OF INFRARED AND VISIBLE IMAGES

2+1* WARRANTY YEAR

-50 °C

+1000 °C

32x32 px

1 Gb

REC

IR video

TECHNICAL CHARACTERISTICS	
Measuring range of surface temperature	-50 °C...+1000 °C
Accuracy	± 2 °C (± 2%)
Thermal sensitivity	0,14 °C
Viewing angle	33°x33°
Resolution of infrared image	32x32 (1024) Pixel
Resolution of visible light image	2 Megapixel
Display	2,8 inch. touch sensitive colour LCD
Power supply	3,7 V 2500 mAh Li-Ion rechargeable battery
Dimensions	217x63x50 mm
Weight	230 g

DELIVERY PACKAGE	IR-CAM1
Item nr.	3-17-032
Device IR-CAM1	•
Mini USB cable	•
Plastic case	•



NON-DESTRUCTIVE TESTING INSTRUMENTS

Thermal imager IR-CAM2 Pro

ACTIVE TEMPERATURE CONTROL ON THE DISPLAY VIA TOUCH SCREEN

VIDEO-THERMOGRAPHY

INTERNAL MEMORY

RECHARGEABLE BATTERY

TRIPOD THREAD

WI-FI MODULE TO BROADCAST SCREEN ON TV

US SENSOR

220X160 (35200) Pixel

NETD 70 mK

-30°C...+330°C

MIXING OF INFRARED AND VISIBLE IMAGES

2+1* WARRANTY YEAR

-10 °C

+330 °C

220x160 px

1 Gb

REC

IR video

TECHNICAL CHARACTERISTICS	
Measuring range of surface temperature	-10 °C...+330 °C
Accuracy	± 2 °C (± 2%)
Thermal sensitivity	0,07 °C
Viewing angle	35,4°x26,8°
Resolution of infrared image	220x160 (35200) Pixel
Resolution of visible light image	2 Megapixel
Display	2,8 inch. touch sensitive colour LCD
Power supply	3,7 V 3200 mAh Li-Ion rechargeable battery
Dimensions	220x69x70 mm
Weight	260 g

DELIVERY PACKAGE	IR-CAM2 PRO
Item nr.	3-17-021
Device IR-CAM2 PRO	•
Mini USB cable	•
Plastic case	•





Thermal imager IR-CAM3

NON-DESTRUCTIVE TESTING INSTRUMENTS



2+1* WARRANTY YEAR

-20 °C

+550 °C

256x192 px

16 Gb

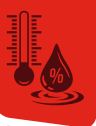
Li-Ion

TECHNICAL CHARACTERISTICS	
Measuring range of surface temperature	-20 °C...+550 °C
Accuracy	± 2°C (± 2%)
Thermal sensitivity	0,04 °C
Viewing angle	56°x42°
Resolution of infrared image	256x192 (49152) Pixel
Resolution of visible light image	2 Megapixel
Display	2,8 inch. colour LCD
Power supply	3,6 V 5000 mAh Li-Ion rechargeable battery
Dimensions	230x72x95 mm
Weight	520 g

DELIVERY PACKAGE	IR-CAM3
Item nr.	3-17-022
Device IR-CAM3	•
USB type-C cable	•
Memory SD card 16 GB	•



Wallscanner SCAN



NON-DESTRUCTIVE TESTING INSTRUMENTS



2+1* WARRANTY YEAR

100 mm

50 mm

20 mm

TECHNICAL CHARACTERISTICS	
Maximum scanning depth	
Ferrous metals	100 mm
Non-ferrous metals	80 mm
Copper cable (live)	50 mm
Wood	20 mm
Power supply	1x 9 V 6LR61
Continuous operating time	6 h
Storage temperature	-20 °C...+70 °C
Operating temperature	-10 °C...+50 °C
Dimensions	196x76x25 mm
Weight	145 g

DELIVERY PACKAGE	SCAN
Item nr.	3-12-027
Device SCAN	•
Batteries	•
Pouch	•

100 mm

80 mm

50 mm

20 mm

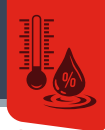
Ferrous metals

Non-ferrous metals

Copper cable (live)

Wood





NON-DESTRUCTIVE TESTING INSTRUMENTS

Coating thickness meter Paint Pro

MEASUREMENT STATISTICS

FAST CALIBRATION

INTERNAL MEMORY

AUTOMATIC DETECTION OF METAL TYPE

MEASURING OF COATING THICKNESS OF FERROUS AND NON-FERROUS METALS

Fe/NFe

SAMPLES OF COATING THICKNESS FOR CALIBRATION ARE INCLUDED IN THE DELIVERY PACKAGE

COMBINED MEASURING PRINCIPLE

2+1* WARRANTY YEAR

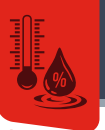
0-1500µm

3.0 %

Fe/NFe

TECHNICAL CHARACTERISTICS	
Measuring range	0-1500 µm
Modes of measurement	single measurement continuous measurement
Accuracy	±3% ; +2 µm
Memory	•
Minimal thickness of the measured surface	>0,5 mm
Display backlight	•
Power supply	2x1,5V (AAA)
Dimensions	112x51x28 mm
Weight	80 g

DELIVERY PACKAGE	Paint PRO
Item nr.	3-7-051
Device Paint PRO	•
Metal plate (Aluminium, iron) 2 pcs.	•
Film reference samples 5 pcs.	•
Batteries	•
Micro-USB cable	•
CD with Software	•
Plastic case	•



NON-DESTRUCTIVE TESTING INSTRUMENTS

Digital concrete strength tester Beton Pro

INTEGRATED CONVERSION CURVES

OLED
- SUNLIGHT READABLE LCD DISPLAY
- VIEWING ANGLE 160°
- OPERATING TEMPERATURE -5°...+40°

INTERNAL MEMORY

ERGONOMIC HANDLE

BLUETOOTH-INTERFACE

METAL FRAME

ORIGINAL SOFTWARE

2+1* WARRANTY YEAR

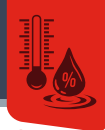
3-100 mPa

7.0 %

TECHNICAL CHARACTERISTICS	
Measuring range	3-100 mPa
Accuracy	±7%
Impact energy	0,15 J
Power supply	2x1,5 V (AA) LR6
Memory	up to 50 values
Dimensions	205x175x60 mm
Weight	600 g

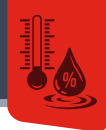
DELIVERY PACKAGE	Beton Pro
Item nr.	3-10-024
Device Beton Pro	•
Grinding stone	•
Equivalent measure of strength made of plexiglass	•
Batteries	•
USB cable	•
Software to transfer and process data to PC	•





Mechanical concrete strength tester Beton

Moisture meter HYDRO-Tec



NON-DESTRUCTIVE TESTING INSTRUMENTS

CALIBRATION TABLE
ON THE BACK OF THE DEVICE

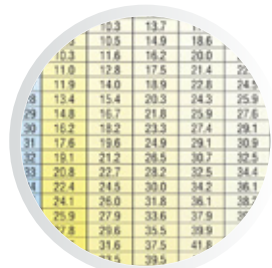


ROBUST HOUSING

LONG LIFE-CYCLE
OF THE DEVICE

LIGHT WEIGHT

CONVERSION CHART INCLUDED



IMPACT ENERGY
NOT LESS THEN 1.8 J

2+1* WARRANTY
YEAR

10-60 mPa

20 %

TECHNICAL CHARACTERISTICS

Measuring range	10-60 mPa
Accuracy	±20%
Impact energy	1,8 J
Operating temperature	-5°C to +40°C, relative humidity up to 80%, non-condensing
Dimensions	280x75x60 mm
Weight	1,1 kg

DELIVERY PACKAGE

Beton

Item nr.	3-10-004
Device Beton	•
Grinding stone	•
Screwdriver	•
Spring	•
Plastic case	•



NON-DESTRUCTIVE
TESTING METHOD

COMPACT SIZE



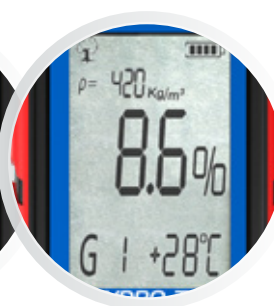
ERGONOMIC DESIGN

HIGH ACCURACY

SCANNING DEPTH UP TO 20 mm



8 TIMBER GROUPS AND 6 CONCRETE GROUPS
TO SELECT ACCORDING TO THE DENSITY
OF AN OBJECT



2+1* WARRANTY
YEAR

0.1-65.0 %

0.9...2.5 %

TECHNICAL CHARACTERISTICS

Moisture measuring range (max.)	0,1 -65%
Absolute accuracy of moisture meter	±0,9% (±2,5%)
Power supply	2x1,5 V AAA
Dimensions	110x43x25 mm
Weight	75 g

DELIVERY PACKAGE

HYDRO-Tec

Item nr.	3-14-006
Device HYDRO-Tec	•
Batteries	•
Pouch	•



NON-DESTRUCTIVE TESTING INSTRUMENTS



Moisture meter HYDRO

NON-DESTRUCTIVE TESTING INSTRUMENTS

NON-DESTRUCTIVE TESTING METHOD

HIGH ACCURACY

8 TIMBER GROUPS AND 6 CONCRETE GROUPS TO SELECT ACCORDING TO THE DENSITY OF AN OBJECT

EXTERNAL AIR HUMIDITY AND TEMPERATURE SENSOR (OPTIONAL)

CHANGEABLE SCANNING DEPTH 10-30 mm

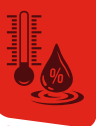
2+1* WARRANTY YEAR

0.1-65.0 %

0.9...3.0 %

TECHNICAL CHARACTERISTICS	
Moisture measuring range	0,1 -65%
Absolute accuracy	±0,9% (±3%)
Internal memory	999 values
Power supply	3x1,2 V 800 mAh (AAA)
Dimensions	150x59x28 mm
Weight	170 g

DELIVERY PACKAGE	HYDRO	External RH-sensor
Item nr.	1-004-001	3-14-023
Device HYDRO	•	
Batteries	•	
Micro-USB cable	•	
Hand strap	•	
Pouch	•	



Moisture meter HYDRO Pro

NON-DESTRUCTIVE TESTING METHOD

COLOUR LCD

RECHARGEABLE BATTERIES

EXTERNAL AIR HUMIDITY AND TEMPERATURE SENSOR (OPTIONAL)

3 MOISTURE SENSORS FOR MEASURING OBJECTS OF DIFFERENT SHAPE AND THICKNESS

HIGH ACCURACY

8 TIMBER GROUPS AND 6 CONCRETE GROUPS TO SELECT ACCORDING TO THE DENSITY OF AN OBJECT

SCANNING DEPTH UP TO 30 mm

2+1* WARRANTY YEAR

0.1-65.0 %

0.9...3.0 %

TECHNICAL CHARACTERISTICS	
Moisture measuring range	0,1 -65%
Absolute accuracy	±0,9% (±3%)
Internal memory	50 values
Power supply	3x1,2 V 800 mAh (AAA)
Dimensions	150x59x28 mm
Weight	170 g

DELIVERY PACKAGE	HYDRO PRO	External RH-sensor
Item nr.	3-14-013	3-14-023
Device HYDRO PRO	•	
Batteries	•	
Micro-USB cable	•	
Hand strap	•	
Pouch	•	



NON-DESTRUCTIVE TESTING INSTRUMENTS

Tripods

H150

Compatibility	QB, QB Green, NEO G200, NEO X200, NEO G220, EFX 360-3, GFX360-3, Fliesen 3D, XLiner 360 G, XLiner Combo 360 G, XLiner Quattro 360 G, XLiner Pento 360, XLiner Pento 360 G, Omniler 3D, Omniler G3D, Vector 60, Vector 80, Vector 100, XP3 Pro, XP3 Green, XP4, XP4 Pro
Tripod thread	1/4", 5/8"
Height	53-150 cm
Weight	1,3 kg
Item nr.	2-17-041



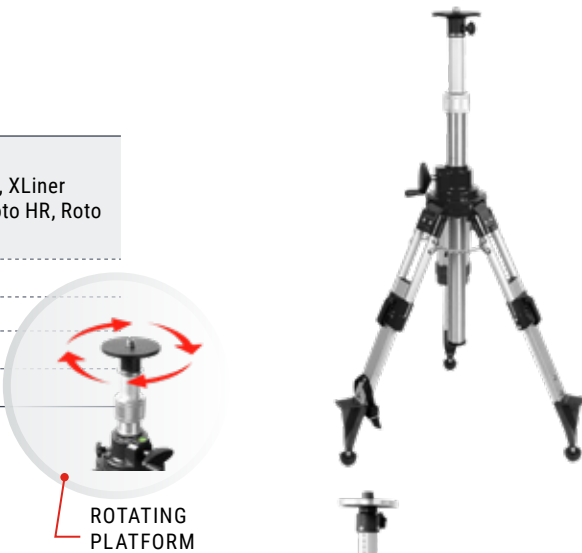
H190

Compatibility	NEO G200, NEO X200, NEO G220, XLiner 360 G, XLiner Combo 360 G, XLiner Quattro 360 G, XLiner Pento 360, XLiner Pento 360 G, Omniler 3D, Omniler G3D, Easy Roto HVR, Roto HR, Roto HG
Tripod thread	5/8"
Height	64-190 cm
Weight	1,25 kg
Item nr.	2-17-023



HD170

Compatibility	NEO G200, NEO X200, NEO G220, XLiner 360 G, XLiner Combo 360 G, XLiner Quattro 360 G, XLiner Pento 360, XLiner Pento 360 G, Omniler 3D, Omniler G3D, Easy Roto HVR, Roto HR, Roto HG, Roto HVR, Roto HVG, Digi Roto HVR
Tripod thread	5/8"
Height	69-169 cm
Weight	6 kg
Item nr.	7-2-097



HD200

Compatibility	NEO G200, NEO X200, NEO G220, XLiner 360 G, XLiner Combo 360 G, XLiner Quattro 360 G, XLiner Pento 360, XLiner Pento 360 G, Omniler 3D, Omniler G3D, Easy Roto HVR, Roto HR, Roto HG, Roto HVR, Roto HVG, Digi Roto HVR
Tripod thread	5/8"
Height	103-200 cm
Weight	5,2 kg
Item nr.	2-17-556



Tripods

Geo

Compatibility	Easy Roto HVR, Roto HR, Roto HG, Roto HVR, Roto HVG, Digi Roto HVR, 24X, 32X, iTeo
Tripod thread	5/8"
Height	101-167 cm
Weight	4 kg
Item nr.	2-17-019



Geo XL Lite

Compatibility	NEO G200, NEO X200, NEO G220, XLiner 360 G, XLiner Combo 360 G, XLiner Quattro 360 G, XLiner Pento 360, XLiner Pento 360 G, Omniler 3D, Omniler G3D, Easy Roto HVR, Roto HR, Roto HG, Roto HVR, Roto HVG, Digi Roto HVR
Tripod thread	5/8"
Height	125-340 cm
Weight	5,6 kg
Item nr.	7-2-098



Geo XL

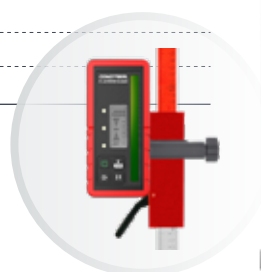
Compatibility	NEO G200, NEO X200, NEO G220, XLiner 360 G, XLiner Combo 360 G, XLiner Quattro 360 G, XLiner Pento 360, XLiner Pento 360 G, Omniler 3D, Omniler G3D, Easy Roto HVR, Roto HR, Roto HG, Roto HVR, Roto HVG, Digi Roto HVR
Tripod thread	5/8"
Height	128-184 cm
Weight	7,3 kg
Item nr.	2-17-021



Compatibility	NEO G200, NEO X200, NEO G220, XLiner 360 G, XLiner Combo 360 G, XLiner Quattro 360 G, XLiner Pento 360, XLiner Pento 360 G, Omniliner 3D, Omniliner G, Easy Roto HVR, Roto HR, Roto HG
Tripod thread	5/8"
Height	100-366 cm
Weight	2,84 kg
Item nr.	2-17-004



Compatibility	for all laser levels and rotary lasers
Height	max. 240 cm
Weight	0,92 kg
Item nr.	7-1-088



Compatibility	for all laser levels and rotary lasers
Height	130-300 cm
Weight	1,652 kg
Power supply	4x1,5V AA
Item nr.	7-1-999



Compatibility	for all rotary lasers and levels
Height	125-500 cm
Weight	1,203 kg
Item nr.	2-16-017



Compatibility	for all red and green laser levels
Working range	up to 100 m
Accuracy	±1 mm
Power supply	1,5 V AAA LR6
Dimensions	100×62×18 mm
Weight	120 g
Item nr.	2-17-199



Compatibility	for all rotary lasers
Working range	250 m
Accuracy	±1,5 mm
Power supply	9 V
Dimensions	155x74x31 mm
Weight	250 g
Item nr.	7-2-099



Compatibility	for all red rotary lasers
Working range	300 m
Accuracy	±1 mm
Power supply	9 V
Dimensions	165×75×38 mm
Weight	370 g
Item nr.	7-1-033



Compatibility	for all green rotary lasers
Working range	300 m
Accuracy	±1 mm
Power supply	9 V
Dimensions	165×75×38 mm
Weight	370 g
Item nr.	7-1-034



WallMount

Compatibility	for all laser levels
Tripod thread	5/8"
Weight	290 g
Dimensions	150x100x150 mm
Item nr.	1-7-011



WallMount Pro

Compatibility	for all laser levels
Tripod thread	5/8"
Weight	350 g
Dimensions	125x85x115 mm
Item nr.	7-1-027



Tripod head

Compatibility	for all laser levels and laser distance meters
Tripod thread	1/4", 5/8"
Item nr.	7-2-101



Adapter screw from 1/4" to 5/8"

Compatibility	for all laser levels
Item nr.	1-7-036



Adapter screw from 5/8" to 1/4"

Compatibility	for all laser levels
Item nr.	1-7-103



Tilt adapter

Compatibility	for all laser levels and rotary lasers
Tilt adjustment	0-90°
Thread	5/8"
Item nr.	7-2-107



Red magnet target / Green magnet target

Compatibility	for all red laser levels and laser distance meters	for all green laser levels and laser distance meters
Item nr.	1-7-010	1-7-110



Reflective target for distance meters

Compatibility	for all laser distance meters
Item nr.	1-7-021



Red laser glasses / Green laser glasses

Compatibility	for all red lasers	for all green lasers
Item nr.	1-7-005	1-7-101



Digital angle ruler A-Tronix 20

Measuring range	0°-360°
Accuracy	0,3°
Power supply	3V CR2032 Li-Ion
Dimensions	200x35x2 mm
Weight	160 g
Item nr.	1-002-300



Frequently Asked Questions



LASER DISTANCE METERS

What does accuracy ± 1.5 mm mean and what influences it?

Accuracy is the closeness of the measured value to a standard or true value. Under unfavorable conditions, such as bright sunlight or making measurement to surfaces with poor reflectivity, certain difficulties might take place:

- uneven walls – they influence the accuracy and may cause double signal;
- glossy surfaces – they affect the correct reflection of the beam;
- textile, wet or rough surfaces – they absorb the signal.

Accuracy at a distance from 10 m to 30 m may increase by approximately ± 0.025 mm/m. At distances over 30 meters, the maximum deviation increases to ± 0.15 mm/m.

Why is the optics size important?

The power of the laser signal, reflected and received by the optics, is directly proportional to the area of the optics aperture - $S = \pi r^2$. Thus, when the radius of the lens increases by 2 times, the signal reception range increases by 4 times. It allows you to work confidently even under unfavorable conditions.

How to work outside and under adverse conditions?

Measurement accuracy may get worse under unfavorable measurement conditions.

Bright light

Red laser is hard to see in the sun. The optimal conditions for making measurements outdoors are twilight or cloudy weather, indoors - dim light. If you have to work outside for a long time, you can either use a CONDROL reflector, or choose a laser distance meter with a green laser or with a built-in camera.

Surface

When pointing the laser at corrugated, concrete, mirror or very dark surfaces, the reflected signal is very weak. You can solve the problem with a sheet of paper or a special CONDROL reflector: fix the reflector or a sheet of paper on the object, point the laser at it and make measurements.

Dust, fog and high humidity

The laser beam is scattered when refracted by the smallest particles of water and dust in the air, so a CONDROL reflector is used to amplify the signal.

Long distance measurements and beam jitter

To prevent the laser beam from shifting, it is better to fix the laser distance meter on a tripod and use the timer function.

Why do you need a camera in a laser distance meter?

A camera is used for precise targeting. It allows you to "zoom" an object, making it possible to measure outdoors in all weather conditions at a distance of more than 100 meters, even if the laser beam is not visible.

What are the benefits of working with the Smart measure app?

The Smart Measure app for Bluetooth-enabled CONDROL laser distance meters allows you to:

- store unlimited number of measurements in smartphone memory, group and name them;
- mark dimensions of objects, premises, decor and furniture right in the pictures and leave comments;
- draw plans of premises with a dimensional grid;
- share the data and create photo sketches.

Why do you need a timer and a tripod mount?

A timer and a tripod are used for precise targeting. They enable you to take aim at the spot and avoid shifting of the laser beam, when you press buttons while measuring at long distances.



LASER LEVELS

What does accuracy of a laser level mean?

Accuracy or the maximum permissible error is one of the most important characteristics of a laser level. It is measured in mm/m and it determines how many millimeters a laser could be out over a defined range.

How to check the accuracy by yourself?

Checking the horizontal plane:

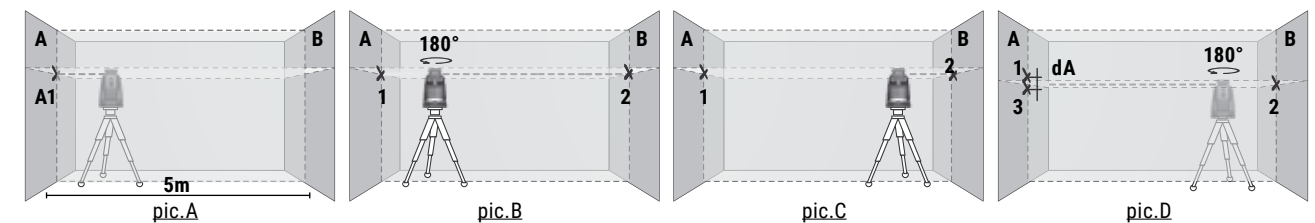
It is carried out by using two walls located opposite each other. Measure the distance between the walls (L value), install the device as close as possible to wall A (see pic. A). Move switch bar to unlocked position, switch on the vertical and horizontal emitters. Turn the device so that the intersection of the laser lines is located on the closest wall. Mark points of intersection of the laser lines with mark A1.

2. Turn the device by 180° , mark the point of intersection of the laser lines on the opposite wall with mark B2. (see pic. B)

3. Install the device closer to the opposite wall B. Place it the way that the intersection point of the laser lines coincides with the previously marked point B2 (see pic. C).

4. Turn the device by 180° . Aim the device at wall A so that the vertical line passes through the previously marked point A1. Mark the intersection point of the laser lines on wall A with mark A3. (see pic.D).

5. Measure the distance d between marks A1 and A3 (see pic. D). The accuracy is the value of d/L . If the obtained value exceeds the maximum allowed in the manual, contact the CONDROL service centre for calibration.

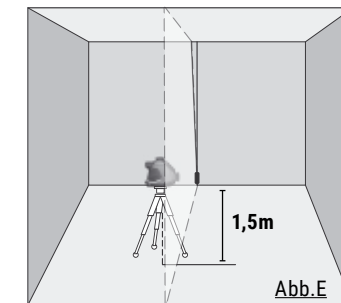


Checking the vertical plane:

Use a plumb bob as a reference of a vertical. Place the device against a plumb bob.

1. Move switch bar to unlocked position, switch on the vertical plane and align the vertical laser line with the low point of the plumb bob.

2. If the deviation of the axis of the vertical line from the plumb bob exceeds that stated in the manual, contact the CONDROL service centre for calibration.

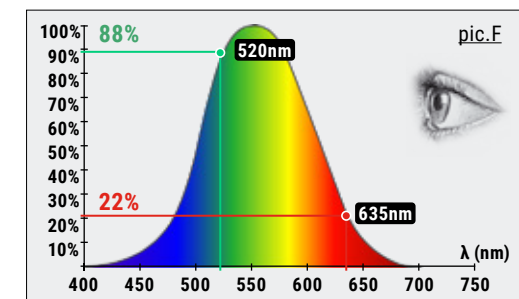


Why do you need a pulse mode?

If there is a long distance between a laser level and an object, laser beam may become less visible. A laser receiver is used to detect a laser when the pulse mode is switched on. It becomes easier to work at long distances and in unfavorable conditions. How to use the receiver? When the laser beam reaches the photosensitive element, the receiver starts indicating if it should be moved up or down in order to align the laser beam with the zero mark. The device equipped with a pulsed mode has a bigger working range, thus, it is more efficient.

Why is green laser brighter than the red one?

When perceived by the human eye, green colour is brighter than the red one. Even if lighting conditions and laser power are the same, the brightness of a green laser will be higher.





LASER LEVELS

Why do you need laser dots?

Laser plumb is used when you install an object in a determined place - for instance when you set up vertical columns, profiles, pipes, or project electrics on the ceiling. All you need is to switch on the corresponding function on your laser level and set it in the desired place. The laser beam will be projected up and down (under the level).

What are the benefits of working with XLiner Remote App?

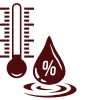
XLiner Remote enables you to control laser levels via Bluetooth from your smartphone:

- select operation mode (switching on/off) of laser emitters, adjust the combination of required planes;
- activate pulse mode for working with receiver;
- adjust laser power to save the battery charge;
- monitor the battery level.

Remote control of a laser level is an absolute innovation that only CONDROL instruments possess.

What is the difference between rotary lasers and line lasers?

Rotary lasers have a higher accuracy, a wider working range and a different kind of the alignment. Line levels are convenient when working indoors at distances up to 100 m. Rotary levels are used in road and industrial construction, for example, stadiums, shopping centres and railway lines with a length of more than 100 m. When working with a rotary laser, make sure to use a laser receiver.



NON-DESTRUCTIVE TESTING INSTRUMENTS

How do moisture meters of Hydro series work?

The operation principle of a moisture meter is based on the measurement of electrical resistivity: it depends on moisture contained in the material. The device generates an electrical impulse with a penetration depth of up to 30 mm without destroying the material and evaluates the loss of this field depending on the humidity and density of the material. In addition, the correlation dependences of the electric field on humidity are recorded in its memory.

How to calibrate a coating thickness meter?

Calibration is very important thing if you are going to work with coating thickness meter, because it influences the accuracy of measurements. The device is supplied with 6 coating samples and a metal plate. Calibrate CONDROL Paint Check in less than a minute! Just select the calibration mode and make successive measurements, starting with a metal plate and continuing with measurements of all 6 coating thickness samples. Next, you can measure the thickness of the desired object and get precise measurement results.

What is the difference between an infrared thermometer and a thermal imager?

An infrared thermometer differs from a thermal imager, because it can measure the temperature at only one spot. At the same time, the sensitive ele thermal imager is its matrix that consists of at least 1024 pixels. The matrix of more proffessional models can reach 49152 pixels.

Why do you need RH Sensor in infrared thermometers?

RH sensor is a relative humidity sensor. This sensor allows you to determine air humidity. Combined with a temperature sensor, it allows to detect the dew point that may lead to mold formation.



NON-DESTRUCTIVE TESTING INSTRUMENTS

How to choose a thermal imager?

To find the right thermal imaging camera, you'll have to assess 4 major qualities:

- thermal sensitivity (NETD);
- measurement range;
- resolution of the IR matrix;
- advanced functions, such as video recording, broadcast via TV.

What does NETD mean?

It is a characteristic of the matrix, which determines how small the registered temperature difference between two points on the surface can be. The minimum sensitivity index is 160mK (0.16°C), but modern devices are much more sensitive. They allow you to determine the barely noticeable temperature difference on the surface. For instance, the IR-CAM 3 thermal imager has a sensitivity index of 40mK (0.04°C).

What does IR resolution of a thermal imager mean?

The IR resolution of a thermal imager determines the number of sensitive elements (elementary bolometers) and the clarity of the image. Each pixel is a display of the measured temperature at a specific point in the tested area. The better the resolution, the finer the details that can be distinguished on the thermogram to draw conclusions about the causes of temperature changes. For example, a device with a 160x120 matrix displays 19200 pixels, while a 320x240 matrix measures 76800 pixels.

What distance should be maintained to make measurements with a thermal imager?

Temperature measurements depend on the optical resolution of the device. As the distance from the device to the target increases, the size of the spot on the measured surface increases also. To determine the size of the measurement spot (S), you need to divide the distance from the instrument to target (D) into the coefficient of optical measurement. Thermal imagers have the working range - this is a thermal imager parameter that depends on the type of detector, detector size, detector pixel size, focal lens length, lens aperture, type and size of the observed object, thermal contrast of this object, thermal permeability of the atmosphere, observation conditions and criterion observations. For instance, a two-storey building 15 meters wide and 6 meters high can be inspected with IR-CAM2 Pro (viewing angle 35°x26°) from a distance of 30 meters, and with IR-CAM3 (viewing angle 56°x42°) from a distance of 22 meters.

How to improve thermal imager accuracy?

It is recommended to choose a suitable color palette and carry out thermal imaging work on objects with a temperature difference of about 10/20 degrees.

Why do you need to set emissivity in order to measure the temperature of different surfaces?

All objects emit thermal energy. The amount of emitted energy depends on the surface temperature and the emissivity of the object. Objects with different surfaces emit different amounts of thermal energy at the same temperature. Setting this emissivity allows the instrument to take this feature into account and minimize the measurement error. Set the emissivity (ε) from the table given in the manual.

How to work with a wall scanner?

A wall scanner detects structures inside walls by determining the density of the material. Therefore, before starting work, it needs to be calibrated on the surface of the wall in the place where there are no structures. The scanner takes this density as a reference and detects any changes in this density.

Polo shirt Regular Fit CONDTRÖL

Casual dark-blue polo shirt with printed logo.
Structure: 94% cotton, 6% elastane.

Size	Item nr.
M	6-1-095
L	6-1-096
XL	6-1-097
XXL	6-1-098

Fleece jacket CONDTRÖL

Dark blue fleece full-zip jacket with printed logo.
Structure: 100% polyester.

Size	Item nr.
M	6-1-099
L	6-1-100
XL	6-1-101
XXL	6-1-102

Puffed sleeveless jacket CONDTRÖL

Lined puffed sleeveless full-zip jacket with printed logo.
Structure: 100% polyester. Lining: 100% cotton.

Size	Item nr.
M	6-1-103
L	6-1-104
XL	6-1-079
XXL	6-1-090



Stylish and modern watches CONDTRÖL

Silver alloy case with rubber bracelet. Clock mechanism with three hands. The dial and hands glow in the dark. Water resistant up to 5 ATM.

Item nr.	6-1-107
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Backpack CONDTRÖL

CONDTRÖL backpack is made of wear-resistant and frost-resistant fabric. Main features are a USB port for charging gadgets with your powerbank, hidden inside of a backpack, waterproof locks and many pockets.

Item nr.	6-1-077
Dimensions	320x430x110 mm
Weight	700 g



Meat thermometer

Professional thermometer for grill and BBQ. Thermometer is equipped with a sensitive temperature probe and a display that allow you to control different levels of meat doneness.

Item nr.	5-0-014
Dimensions	32x345x26 mm
Weight	83 g



Desk organiser CONDTRÖL

Desktop stationery holder (organiser) with wireless phone charging station with printed logo.

Item nr.	6-1-094
Colour	Black
Dimensions	280x100 mm
Weight	400 g



3 in 1 LED desk lamp CONDTRÖL

LED desk lamp 3 in 1 - LED table lamp, alarm clock, wireless charging station for phone and smart watch with printed logo.

Item nr.	6-1-093
Dimensions	80x200 mm
Weight	350 g



Multi-tool pencil CONDTRÖL

High-quality metal multifunctional device with a pencil. Diameter of the lead - 0.9 mm. Ruler, spirit level, screw-diver and stylus are combined in one pencil with the printed logo.

Item nr.	6-1-078
Colour	Red
Dimensions	10x150x12 mm
Weight	20 g



Folding ruler CONTROL

1m fibre-reinforced plastic folding ruler with printed logo.

Item nr.	6-1-014
Colour	Red
Dimensions	30x130x20 mm
Weight	60 g



Roll-up CONDTRÖL

Mobile sliding advertising stand with a banner for an exhibition, conference or salesroom.

Item nr.	6-1-105
Item nr.	6-1-106
Dimensions	850x2000 mm
Weight	2,4 kg

Wall-mounted show-case CONDTRÖL

Presentation of goods in a branded illuminated showcase with a drawer (measuring equipment not included). It accommodates from 4 to 12 devices.

Item nr.	1-7-111
Dimensions	1002x330x300 mm
Weight	29 kg

Floor-mounted showcase CONDTRÖL, 185 cm

Presentation of goods in a branded illuminated showcase (not including measuring instruments). It accommodates from 18 to 30 devices.

Item nr.	0-00-005
Dimensions	604x1850x100 mm
Weight	50 kg





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