

Leica Geosystems Precision Tools

Selection Guide for Professionals



SITE PROOF
by Leica Geosystems





When it comes to measure, align and level:
Leica DISTO™, Leica Lino, Leica Roteo, Leica Level

- when it has to be **right**

Leica
Geosystems

Rotating Lasers: Leica Roteo

Technical Data

				
	Interior	Outdoor	Interior – Outdoor	
Technical Data	Roteo 20 HV	Roteo 25 H	Roteo 35	Roteo 35 Green
Range	w/o target plate: 100ft (30m) With target plate: 160ft (50m) With receiver: 500ft (150m)	with receiver : 500ft (150m)	w/o target plate: 100ft (30m) With target plate: 160ft (50m) With receiver: 500ft (150m)	
Self levelling accuracy	± 3 mm at 30 m (± 1/8" at 100 ft)			
Automatic self-levelling laser	Automatic Horizontal / Vertical	Automatic Horizontal	Automatic Horizontal / Vertical	
Self-levelling range	± 4,5°			
Rotation speed	Variable 0/150/300/450/600 rpm	600 rpm	Variable 0 / 150 / 300 / 450 600 rpm	
Scanning angle	Variable between 2 to 36°	NA	Variable between 2 to 36°	
Laser class	3R / 635 nm			3R / 532 nm
Dimensions laser (H x W x D)	189 x 136 x 208 mm (7.4 x 5.4 x 8.2") (without wall mount bracket)			
Wall mount bracket	manual	NA	motorised	
Battery types	Alkaline D cells 2x1.5 V	Alkaline D cells, 2 x 1.5 V or rechargeable battery pack		
Battery life	Up to 160 h (Alkaline batteries)	50 h rechargeable, up to 160 h (Alkaline)	50 h rechargeable, up to 160 h (Alkaline)	25 h rechargeable, up to 160 h (Alkaline)
Protection Class	IP 54: spray water proof / dust protected			
Warranty	2 years*			

* by registration within 8 weeks after purchase

Leica Roteo 20 HV

Technical Data:

Range : Up to 1000ft (300m) diameter with receiver
Scanning angle: 2 to 36°
Rotation: 5 speeds

- Fully automatic horizontal and vertical laser
- Easy access to the laser head
- Scan mode improves visibility for certain types of work
- Wall mount bracket manually adjustable in height



The Leica Roteo 20HV is the ideal rotating laser for basic users. Its easy-to understand keypad is intuitive to operate. The package includes a complete set of accessories for interior works. A wear-free brushless motor drives the laser head.

Scope of Delivery



Leica Roteo 20 HV:

- Remote control RC 350
- Battery for the remote control
- Manual wall mount bracket
- Red target plate
- Red laser glasses
- Battery holder for alkaline batteries
- Batteries for laser
- Manual
- Part No. 772789

Optional Accessories



CET103, Professional, aluminium elevator tripod, max. extension 8 feet
Part No. 768033



R250 Receiver with batteries and clamp
Part No 772793.



International charger for Roteo
Part No. 762774.

Leica Roteo 25 H

Technical Data:

Range : Up to 1000ft (300m) diameter with receiver

Rotation speed: 600 rpm

- Fully automatic horizontal laser
- Inclination can be set
- Strong aluminium cage
- 500ft (150 m) range laser detector



The Leica Roteo 25H offers fully automatic horizontal self-levelling and even the possibility of inclining the levelling plane on the instrument. The detector supplied in the set efficiently locates the laser beam over long distances: an appealing package for exterior works.

Scope of Delivery



Leica Roteo 25H:

- Detector with clamp R 250
- 9V battery for the detector
- Battery holder for alkaline batteries
- Rechargeable batteries
- International charger
- Red target plate
- Manual
- Part No. 772788

Optional Accessories



CTP104 Aluminium tripod
Medium weight aluminium tripod with
shoulder strap, quick-release clamps
Part No. 767710



CTP106 Aluminium tripod
Light weight aluminium tripod
with shoulder strap,
screw clamps
Part No. 767712

Leica Roteo 35 & 35 Green

Technical Data:

Range : Up to 1000ft (300m) diameter with receiver
Scanning angle: 2 to 36°
Rotation: 5 variable speeds

- Fully automatic horizontal and vertical laser
- Motorised wall mount
- Best possible visibility with the **green** beam of the Leica Roteo 35 Green
- Scan mode improves visibility
- Strong aluminium cage



4x more visible than the red laser beam



Best visibility
Green Laser

Impressive performances thanks to powerful features and set of accessories for every application. The Roteo 35 and 35 Green are highly versatile rotating lasers. Best possible visibility thanks to the pioneering green laser beam. A wear-free brushless motor drives the laser head.

Scope of Delivery



Leica Roteo 35G:

- Remote control/receiver RRC 350**Green**
- Green target plate
- Green laser glasses
- 9V-battery for the combined unit
- Battery holder for alkaline batteries
- Rechargeable batteries
- International charger
- Manual
- Part No 772787

Leica Roteo 35

- same package but **red laser**
- Part No. 765752

Optional Accessories



RC350 Remote control for
Leica Roteo.
Part. No. 762770



CET103, Professional,
aluminium elevator tripod, max.
extension 8 feet
Part No. 768033

Interior Construction Lasers

Site Work

Interior, finishing work



Align ceilings and walls in record time.

Tiling



Perfectly marking out right angles.

Stud Wall



Easy positioning of wall components.

Mason



Drawing the chalk line.

Flooring



Install a floor on level lines or a concrete slab.

Joiner/Kitchen maker



Aligning furniture and fittings of kitchens.

Plumber



Installing drains in accordance to the slopes.

Best visibility for all interior work



Comfortable indoor-work with the green beam: 4x better visibility

Motorized wall mount



Adjust your height without touching, using the remote control.

Outdoor Construction Lasers

Outdoor applications

Land Surveyor



Perform grading of land and implement the profiles.

Mason



Achieving the level of excavation for building foundations.

Mason/Metal work



Easy levelling of ground and walls.

Mason



Directly set the inclinations for paving a garage entrance, for ex.

Carpenter



Install wood truss at level without difficulty.

Carpenter/Metal work



Position the Leica Roteo 35/35G at any angle up to 90° for stairs or roof pitches.

Carpenter/metal work



Installation of safety railings, gates etc.

Architect/Carpenter



Install a terrace at level or with a slight slope.

Landscape architect, gardening



Planning and maintenance of gardens.

When it comes to measure, align and level:

Measure with Leica DISTO™



D210XT



D2



D330



D330i



D5



D8

Align with Leica Lino



P3



P5



L2



L2P5

Level with Leica Roteo, Jogger, Sprinter



Roteo 20HV



Roteo 25H



Roteo 35



Roteo 35G



Jogger 20



Jogger 24



Sprinter 50

Worldwide service and support

Leica Geosystems are pioneers in laser precision for measuring technology and guarantee quality and reliability. All our products have the benefit of our worldwide network of service centres and dealerships. Leica Geosystems is always somewhere closer to you.



Dealer Stamp

HITECH Technologies, Inc.
301 Oxford Valley Road
Yardley, PA 19067-7711 USA
Tech support 800.755.4507
Tel: 215. 321. 6012
Email: drlevel@drlevel.com

www.leica-geosystems.com



Laser class 2; in accordance with EC 60825-1

Pictures of this brochure are non contractual.
Illustrations, descriptions and technical specifications are not binding and may change.

- when it has to be **right**

Leica
Geosystems