



RL-VH3 Series

“Smart” Interior Lasers

**Topcon's
World's First
technologies:
Green Beam®
Ultra-visibility**

**SmartScan
Line drawing**

**SmartLine™
Automatic vertical
alignment**

**SmartSlope™
Automatic slope
matching**

SmartPlumb™

**Improved operation:
NiMH battery pack
up to 40% more
power**

**Perfectly round spot
Optional
Remote Control**

**Intuitive
control panels**

**Compact with
integrated handle**

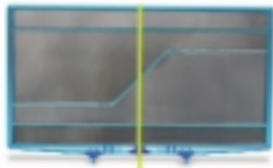


*RL-VHG,A.&B Patents:
5,946,087 5,819,424
5,708,748 5,703,718
5,612,781 5,517,023*

*Green Beam® Patents:
6,002,696 5,991,325
5,936,987 5,898,489
5,825,798 5,745,623*

Now there are even more reasons to go with the
World's most advanced interior laser:
more battery life, more control, and more value...
Only from Topcon.

**All of the features
you've come to
expect. And more...**



Topcon set the standard for laser visibility and brightness with its revolutionary Green Beam® technology. A standard that not only raised the bar, it put it out of reach of any other laser, until now.



Introducing the next generation interior lasers from Topcon, the RL-VH3 series. It's the second generation to feature Topcon's exclusive ultra-visible Green Beam®. It quadruples beam brightness so you'll never lose the beam, even in direct sunlight. And you won't lose any more time hunting for it on your target.

With its array of "Smart" features, improved battery life, excellent spot quality, and a full function optional remote, the RL-VH3 is the only choice. It's the one-man layout tool you'll have to see to believe!



**Level Floors to Ceilings, and
Everything in Between**

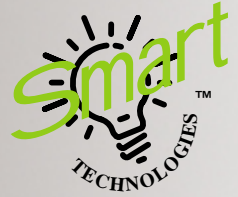
For horizontal leveling and alignment, Topcon's unique scanning technology increases leveling production on ceiling grids, soffit elevations, and raised access flooring. The RL-VH3 greatly simplifies any job requiring a horizontal reference level or sloped.

**Finish Walls
Faster and Better**

Set-up any RL-VH3 on its side (all have a built-in floor mount) to manage vertical layout and alignment. The unique automatic plumb beam instantly establishes initial layout points and the laser's rotation transfers these points to any surface on the job to position studs, drop walls, or bulkheads. With the 90° beam emitted from the top and bottom of the RL-VH3 you can speed the pace of any 90° layout or alignment job, quickly establishing corners and Tee's.



Simply Smarter...
Only Topcon gives you these "world's first" features to make your work easier and more productive than ever



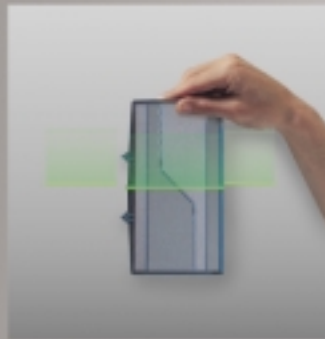
SmartScan™

A rotating laser beam is great, but when you need a concentrated laser line, Topcon's SmartScan lets you draw a line of focused laser light on any surface, to any length you need. And it stays there as long as you need. All done automatically from the target.



SmartLine™

Aligning the beam for vertical operation is, you guessed it, automatic. Simply place the target at your farthest control point and let the laser do the rest. The beam automatically centers on the target. You get one person alignment at record breaking speed.



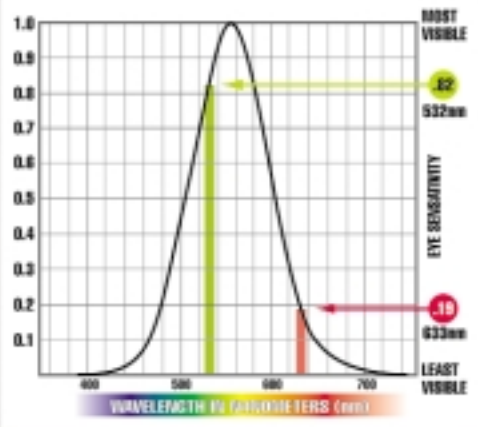
SmartSlope

Raking-in a beam to match a slope has always been hard, usually requiring two people and a lot of guess work. Not anymore. Just like SmartLine, put the target at the right elevation and the beam automatically drives to it and stays there. And it works for either compound or single slopes. One person. Accurate. Easy.



SmartPlumb

Vertical setups are fast and accurate because the beam automatically gives you a plumb point directly below the aperture. Just press the SmartPlumb button and the beam plumbs down. You get the perfect setup point, plus a scan line for roughing in. It's great for tripod setups.



Why Green?

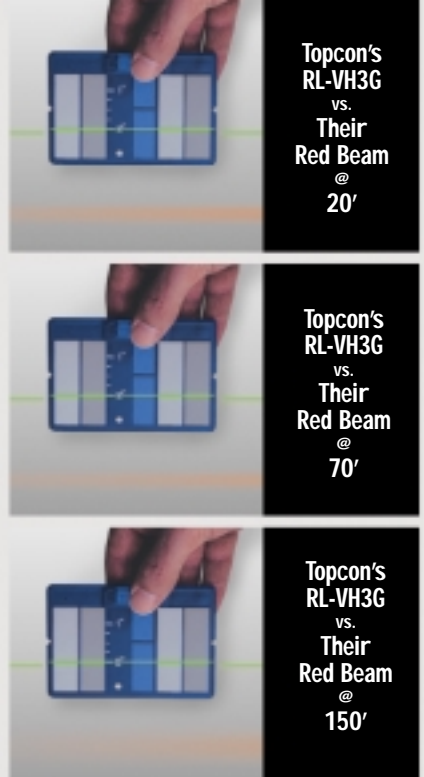
It's brighter. Up to four times brighter than conventional beams. You can see the green beam anywhere under any conditions. Set the laser up for best coverage every time, no need to worry about windows or other lighted areas. You're using the beam instead of losing it, so the job gets done faster. Isn't that why you buy a laser in the first place?

Focusing on Visibility

Whether green or red, the more tightly focused the beam, the brighter. The RL-VH3 is the world's only laser to focus automatically on the target, no matter where you are on the job.

Because conventional beams focus at just one distance, the beam width varies from one work area to the next.

With SmartFocus, you can count on the tightest and brightest possible line of laser light where you need, automatically.



Topcon's
RL-VH3G
vs.
Their
Red Beam
@
20'

Topcon's
RL-VH3G
vs.
Their
Red Beam
@
70'

Topcon's
RL-VH3G
vs.
Their
Red Beam
@
150'

Simultaneous 90°
beam for plumb and
layout

Floor Mount provides
fast setup over a point
and includes tripod
mount

Rugged, sealed design
protects the unit from
dust and moisture

Electronic self-leveling mecha-
nism provides fast setups and the
world's most reliable and stable
leveling

Simple push button
slope control to keep
the job moving

Compact in design with integrated handle
and weighing only 6.4 lbs (2.9kg), the
RL-VH3G is *truly* portable and easy to set-up

Variable rotation speeds
from 0 to 300

Horizontal and vertical
SmartPlumb control

High-power mode
selection for work over
extra-long distances

SmartPlumb™
Automatic Plummet
Beam

RC-30 Optional Remote

The optional RC-30 radio remote handles all of the functions of the RL-VH3 series lasers. It features an operational range of 300', two-way laser communication, uses selectable transmission frequencies, and the ability to pinpoint focus the beam on any surface. The RL-VH3 is the completely "hands-free" laser, but if you need a remote the RC-30 is your answer.



Wide Array of Power Choices



- Rechargeable Ni-H battery pack
- 4 Alkaline Batteries
- 110 AC / 12vDC Operation
- 40 hr alk / 30 hr Ni-H operation
- Runcharge during AC or 12vDC operation

RL-VH3 Series Standard Package



- Rechargeable Ni-H Battery Pack
- 2 Magnetic Ceiling Targets
- Floor Mount
- Hard Shell Carry Case
- SmartLine Target
- Adjustable Wall Mount (A & G)
- Standard Wall Mount (B model)

Topcon has the industry's most complete line of interior lasers including the NEW low-cost interior laser with high-end features, the RL-VH3C. Each has unique technologies to make your jobs easier, faster and more profitable



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"The Leading Source"

Features and specifications subject to change without notice.

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7010-0352 Rev. A Printed in USA. 3/00 30M

Great mix of price and performance



RL-VH3A and RL-VH3B

Priced for value, the RL-VH3A is a red beam laser that offers all of Topcon's "smart" interior laser technologies like SmartScan, SmartFocus, SmartLine and SmartSlope.

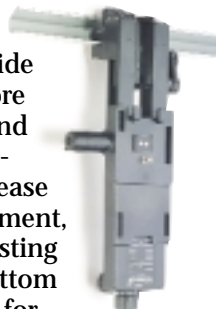
The RL-VH3B is the choice among contractors looking for a high performance laser at a great price. Featuring Topcon's high precision leveling system, unique scanning technology, selectable rotating speeds, and slope match.



Wall Mount

P/N 56185

Easy access side clamp for more convenient and stable mounting, quick release height adjustment, and fine adjusting knob with bottom reading scale for precise adjustments.



Rugged, Hard Shell Carrying Case

P/N 31435-91000

Molded inserts with a printed packing guide mean there's a place for everything and everything gets put in its place. So you can manage your equipment better and get to the job with everything you need.



SPECIFICATIONS

	RL-VH3G	RL-VH3A	RL-VH3B
Beam Type	532nm Green Laser	635nm Red Laser	635nm Red Laser
SmartFocus™	Yes	Yes	No
SmartScan™	Yes	Yes	Yes
SmartLine™	Yes	Yes	Yes
SmartPlumb™	Yes	Yes	Yes
Vertical Beam	Yes (up and down)	Yes (up and down)	Yes (up only)
Vertical Accuracy	±15"	±15"	±15"
Horizontal Accuracy	±10"	±10"	±10"
Rotating Speed (RPM)	30 to 300 Selectable	30 to 600 Selectable	30 to 600 Selectable
Self-Leveling Range	±5°	±5°	±5°
Operating Range	330' (100m) Diameter	330' (100m) Diameter	330' (100m) Diameter
Power Sources			
Batteries	Rechargeable/Alkaline	same	same
External	AC/12vDC	same	same
Operating Temperature	-4 to 122°F (-20° to 50°C)	same	same
Laser Classification	Less than 5mw/Class IIIa	Less than 5mw/Class IIIa	Less than 5mw/Class IIIa
Water/Dust Proof	Yes	Yes	Yes
Field Calibration	Yes	Yes	Yes
Dimensions	8.4" x 6.6" x 10.2" (214 x 123 x 259.5 mm)	8.4" x 6.6" x 10.2" (214 x 123 x 259.5 mm)	7.6" x 6.6" x 10.2" (193.5 x 123 x 259.5 mm)
Standard Warranty	2 Years	2 Years	1 Year
RC-30 Remote	Optional	Optional	Optional

Your local TOPCON dealer is:

