



yesterday

Topcon Corporation has been a world leader in optical, mechanical, and electronic integration (optomechatronics) for over 70 years. With hundreds of patents to their credit, Topcon is the recognized leader in the manufacture of high accuracy positioning and optical products used world wide by the construction, civil engineering and medical industries.

...and today

Topcon continues to produce the world's most innovative products for the construction, survey, agriculture, and mining industries. We offer a full line of laser, sonic, GPS, LPS, and optical devices for numerous specialized industry applications and tasks.

there when you need us

Topcon maintains an extensive network of factory trained and certified service technicians. And our factory service facility offers a repair and return policy second to none.

For more info on this or any other Topcon product log onto:

www.topcon.com



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Specifications subject to change without notice

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specifications:

	RL-H3C	NEW RL-H3CS
Beam Type	Red (Visible Diode)	
Beam Power	.8mW (Max.)	
Beam Range	LS-70 Sensor 6' - 980' Dia. (2m - 300m)	
Accuracy	±15 arc seconds (±.085 in / 100 ft, ±3.6mm / 50m)	
Self-leveling Range	±3°	
Slope Range	N/A	+/-5%
Rotation Speed	600 rpm	
Power	4 "C" size Alkaline Batteries	
Battery life	Approx. 60 hrs	
Dimensions	6.5"L x 7.1"W x 7.4"H (167mm x 182mm x 189mm)	
Weight	4.1 lbs (1.9 kg) w/batteries	
Warranty	1 Year	
Laser Receiver	LS-70C	LS-70B
Grade Information Channels	5 (+high/low out of range)	9 (+high/low out of range)
On-Grade Precision	High precision: ±1mm (±0.04") Normal precision: ±2mm (±0.08")	
Audible On-Grade Alarm	Yes	
Power	9Vdc Alkaline	
Battery Life	Approx. 80 hrs	
Auto Shut-Off	After 30 minutes w/o beam detection	

Your local TOPCON dealer is:



RL-H3C Series

Automatic Lasers



Applicable patents: US5636018-(6), US6248989-(58)



Work with the speed, confidence, and accuracy of high-end lasers for a low-end price. Let Topcon put self-leveling and slope capabilities on your jobs for a fraction of the cost.

fast

Stop chasing bubbles and get to work. It's automatic. Just push the Power button on the RL-H3C for flat work, or use the slope buttons on the RL-H3CS for fast, accurate slope matching.

accurate

Setting forms, using grade control receivers, even checking the fall of a trench, you'll work with the confidence that you're on-grade every step of the way.

reliable

Automatic shut-off prevents you from working from a laser that's been moved or bumped!

Fast, automatic leveling •

Up to 5% single slope capable • (RL-H3CS only)

Up to 60 hours of uninterrupted production from four "C" batteries

Automatic "HI" Alert stops the laser if it is disturbed

Optimally focused beam provides long range operation

600rpm rotation speed perfect for grade checking and Machine Control applications

Rugged dustproof, waterproof with integral handle



packages

just right, for you and your jobs

Every Topcon laser is packaged to go right to work out of the box. We also offer an entire line of productivity enhancements like tripods, grade rods, and a full line of machine mounted laser receivers (see below).

the total solution

all the tools you want, all the productivity you need

When you visit your local Topcon dealer to take a look at the RL-H3C or RL-H3CS, be sure to have them show you the other time-saving tools Topcon can put to work on your next job.

Whether your looking for laser indicate systems, full equipment automation (including 3D-GPS) or survey instruments, Topcon has it all. Only Topcon.

www.Topcon.com



RL-H3C Series

NEW RL-H3CS slope laser

Low-cost slope matching

The RL-H3CS sets a new standard for low-cost, self-leveling combination GC and point matching slope lasers. Now you

can have it all, for less!

The new RL-H3CS offers all the features of our popular RL-H3C, with the added versatility of single-slopes up to 5%. Turn it on, set your slope, and go to work!

LS-70 SmartSensor™

- five levels of grade information
- high contrast LCD with audible grade signal
- quick release clamp
- quick find beam locator system

Topcon's LS Series SmartReceiver™ is perfect with your Topcon laser, and compatible with all of your other lasers. It's the only receiver you'll ever need.

General Construction, Surveying, Earthmoving, Mapping. No matter what type of work you do, Topcon has a tool that will help you get the job done right. the first time.



HiPer GPS+ Receiver

Screed System 5
Laser or GPS+ based control for your concrete screed



GTS-220 Total Station
Construction surveying for contractor's



LS-B3 Laser Receiver
Laser indicate system for excavators and backhoes

HiPer GGD RTK Receiver
High-accuracy, dual-frequency GPS+ receiver