



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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P/N: 7010-5027 Rev. E Printed in U.S.A. 01/03 20M

specifications:

	TP-L4GV/G	TP-L4AV	TP-L4BG	TP-L4B
Laser Source	532 nm Diode	633 nm Diode	532 nm Diode	633 nm Diode
Beam Color	Green	Red	Green	Red
Smart Line Auto Alignment	Yes	Yes	No	No
Auto Line Centering	Yes	Yes	Yes	Yes
Auto Grade Zeroing	Yes	Yes	Yes	Yes
Plumb Reference Type	Laser/LED	Laser	LED	N/A
Smart Line Operating Range	500 ft (150 m)	500 ft (150 m)	N/A	N/A
Grade Range	-15%~40%	-15%~40%	-15%~40%	-15%~40%
Line Range	±15%	±15%	±15%	±15%
Horizontal Accuracy	±10"	±10"	±10"	±10"
Battery Life (Alkaline/Rechargeable)	45hrs/32hrs	70hrs/48hrs	45hrs/32hrs	70hrs/48hrs
Standard Warranty	2 Years	2 Years	1 Year	1 Year
Housing Construction	Cast Aluminum			
Waterproof Depth	At least 16.5 ft (5 m) for 24 hours			
Operating Temperature	-4F ~122°F (-20°C ~50°C)			

RC-200 Remote Control

Operating Range from TP-L4 Front	660 ft (200 m)
Operating Range from TP-L4 Rear	150 ft (45 m)
Battery Life	Approximately 2 Years

Your local TOPCON dealer is:



TOPCON



TP-L4

Pipe Laser Series

Applicable patents: US5708748-(11), US5655307-(8), US5583685-(3), US5585623-(4), US6248989-(58), US5839199-(22)



The fastest, most accurate, highly visible way to get your job from here to there. With exclusive innovations to keep you on-grade every step in between. TP-L4, the Industry Standard!

fast

Automatic alignment, easy-to-see GreenBeam®, and a full function remote. Minimize time in the trench, maximize production.

accurate

Using the World's most accurate survey encoder means super-accurate grade. No grade errors = no rework.

reliable

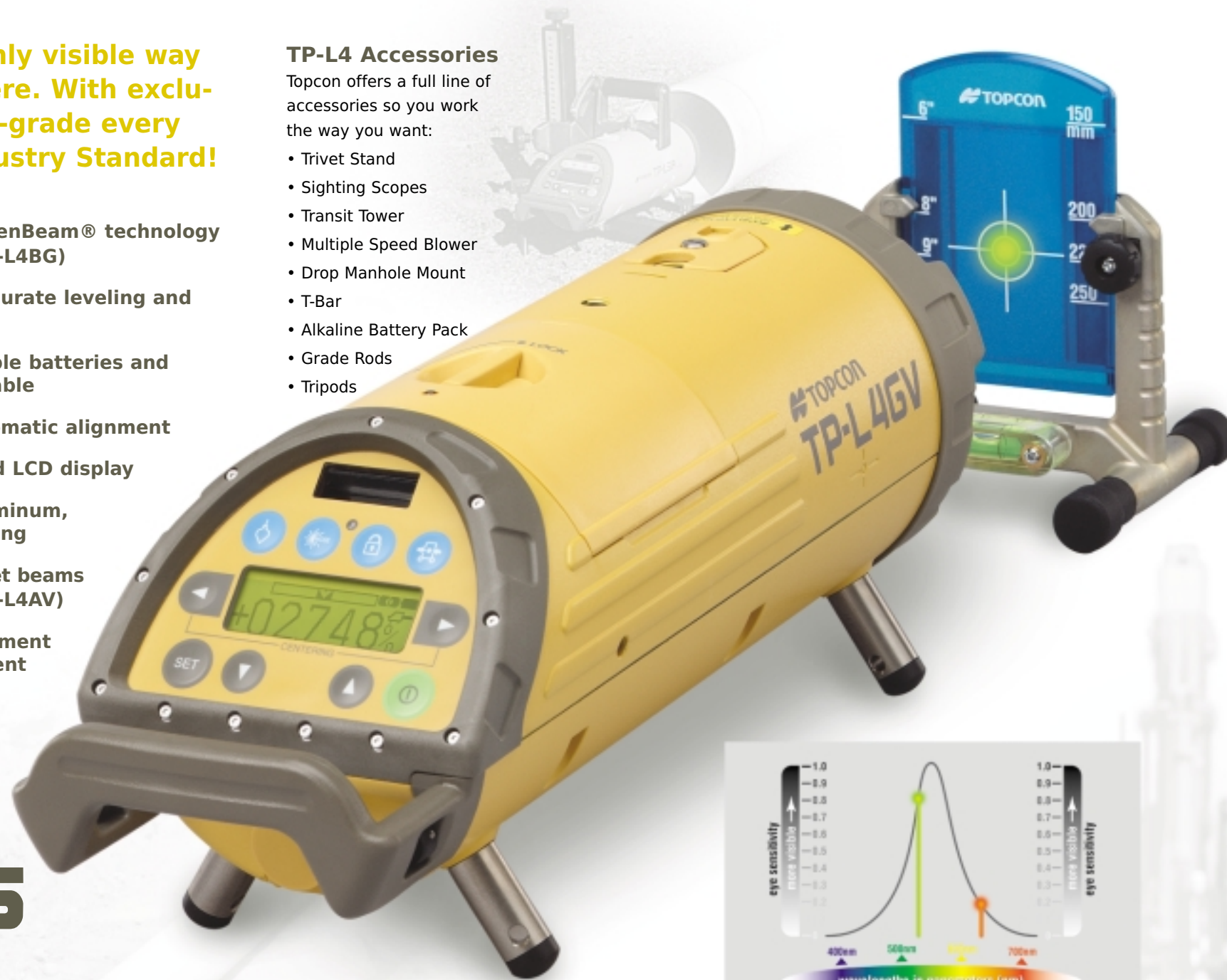
All cast-aluminum housing, double sealed operating face, waterproof to 16+ feet, and the best warranty in the industry. This is one tough laser!

- World's only GreenBeam® technology (TP-L4GV and TP-L4BG)
- World's most accurate leveling and grade system
- NiMH rechargeable batteries and 12vDC battery cable
- SmartLine® automatic alignment
- Large illuminated LCD display
- Rugged cast aluminum, waterproof housing
- Up/Down plummet beams (TP-L4GV and TP-L4AV)
- Stringline attachment for quick alignment
- RC-200 infrared remote included

TP-L4 Accessories

Topcon offers a full line of accessories so you work the way you want:

- Trivet Stand
- Sighting Scopes
- Transit Tower
- Multiple Speed Blower
- Drop Manhole Mount
- T-Bar
- Alkaline Battery Pack
- Grade Rods
- Tripods



TP-L4GV package shown

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).



SmartLine®

making second-day setup and alignment automatic

You're laying pipe while other lasers are still setting up thanks to Topcon's patented SmartLine® scanning technology.

For second day setups, enter the correct grade in the laser and position the target in the end of the last pipe section laid. Press the SmartLine® button (on the laser or remote) and the laser automatically finds the target center, letting your crew start another day's production without delay.

TP-L4 Series



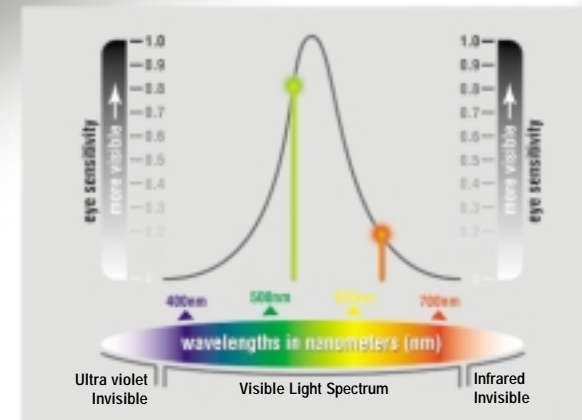
No matter what type of pipe work you do, Topcon has a TP-L4 just right for your job and your budget.

- TP-L4GV** - GreenBeam® with laser plumb
- TP-L4G** - GreenBeam® with LED plumb
- TP-L4AV** - Red beam with laser plumb
- TP-L4BG** - Economy GreenBeam®
- TP-L4B** - Economy Red Beam

world's only three-way beam pipe laser (TP-L4GV and AV)



- simplifies and speeds accurate setups
- instant, visible reference
- eliminates plumb-bobs
- quick and accurate micro-tunneling set-up
- super-bright LED replaces plumb laser on TP-L4G and TP-L4BG



why green?

it's all about visibility

As the chart above shows, your eye sees certain wavelengths of light better than others, with the mid 500 nanometer range being the most visible. That's why Topcon developed the GreenBeam®. It's four times more visible to your eye than red laser beams.

General Construction, Surveying, Earthmoving, Mapping.

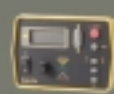
No matter what type of work you do, Topcon has a tool that will help you get the job done right, the first time.



System 5 3D
GPS+ based
Grade Control



DT-104
Optical
Plummet



System 5
Automatic
Machine Control



LS-B3
Laser Indicate
Receiver



HiPer GGD
GPS+
Receiver



GTS-220
Construction
Total Station



RL-H2Sa
Dual Slope
Laser