

**SPECIFICATIONS\***

	TP-L4B	TP-L4A	TP-L4BG	TP-L4G
Laser source	633 nm	633 nm	532 nm	532 nm
Beam color	green	green	green	green
SmartLine® auto alignment	yes	yes	yes	no
Auto line centering	yes	yes	yes	yes
Auto grade zeroing	yes	yes	yes	yes
Plumb reference	yes	yes	yes	yes
Plumb reference type	LED	LED	LED	LED
SmartLine® operating range	150 m	150 m	150 m	N/A
Grade range	-15% ~ +40%			
Line range	±15 %			
Horizontal accuracy	±10"			
Battery life	DB-53: 70 hrs BT-53Q: 48 hrs		DB-53: 45 hrs BT-53Q: 32 hrs	
Housing construction	Cast aluminium			
Laserclass	Class 3A			
Waterproof depth	At least 5 m for 24 hours			
Operating temperature	-20°C ~ 50°C			

\* all technical changes are reserved by TOPCON, 03/2007

**The Leader in Positioning Technology ...**

Topcon is the worldwide leading developer and manufacturer of precision positioning equipment and offers the widest selection of innovative precision GPS systems, laser, optical surveying, machine control, GIS and agriculture products.



**It's time.**

**Topcon Europe Positioning B.V.**

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**PIPE LASER**



**The brightest and most advanced alignment laser**

- Ultra-visible GreenBeam®
- Most accurate grade and leveling
- SmartLine® auto-alignment system
- Toughest cast aluminium housing

**It's time.**

## Your solution to guarantee you'll get from here to there, quickly, accurately and affordably.

Topcon's TP-L4 series of alignment lasers offer a combination of features and technology that are proven to meet the demands of contractors more than any other alignment lasers on the market.

### It's about increased productivity, control and value.



#### Precision Grade Setting

- World's most accurate leveling and grade system
- Survey accurate electronic encoder superior at any grade
- Reduces rework



#### World's only 3-way beam

- Simplifies and shortens setup time
- Instant, visible plumb reference
- No more plumb bob hassels
- Quick and accurate micro-tunneling setups



#### Power management choices

- Rechargeable battery pack means no cables to rip or brake
- Convenient 6 hour quick charge
- 12 vdc connection powers the laser and recharges the battery at the same time
- Alkaline battery pack option



#### RC-200 infrared remote

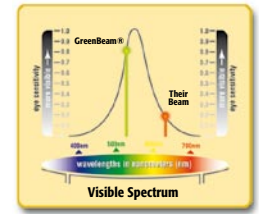
- complete laser control, without being in the hole
- SmartLine® auto-alignment
- Laser "standby" to save battery power
- Beam mode to precisely manage brightness



- 1 Top loading battery pack to replace batteries without disturbing the laser
- 2 SmartLine® automatic alignment (TP-L4G/A)
- 3 Lock grade and line settings for undisturbed operation
- 4 Beam mode matches beam intensity to ambient light for effective power management (TP-L4G/A)
- 5 Left/Right line control and automatic center of range return
- 6 Two grade entry methods to fit user preferences, plus automatic 0% grade return for quick setup changes
- 7 Stringline attachment for quick alignment
- 8 Rugged cast aluminium, water-proof housing for tough "in-the-trench" conditions
- 9 Rubber bumper/stand protects lens from falls and enables one man to lower unit into a trench or manhole
- 10 Up/Down laser plummet eliminates troublesome plumb bob setups
- 11 Digital level via permits easy rough leveling in the cross axis right on the display. Large illuminated LCD display makes grade, line, battery and beam mode information easy to see and use

### Why green?

Simple. You can see our Green Beam anywhere and under any conditions. It's the most visible construction laser ever! In fact, the TP-L4G Green Beam is four times easier to find in bright sunlight than conventional beams. So setup, grading and pipe installation is fast and easy.



### Standard Package (TP-L4GV)

- 150, 200, 250, 300 mm leg sets
- Carry Case
- Single pointed foot
- 150 to 450 mm adjustable targets
- Remote control RC-200
- NiCad battery BT-38Q
- Battery charger BC-25D
- 12 Vdc power cable PC-117
- Instruction manual



### SmartLine®

Accelerate production by making setup and alignment automatic patented scanning technology allows the industry's only fast, accurate one-person automatic alignment feature: the SmartLine®. For second day setups, enter the correct grade in the laser and position the target at the end of yesterday's last section of pipe. 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.