

SPECIFICATIONS*

	RT-5SW
Accuracy (repeatability)	±5"
Autoleveling range	±5°
Working range	1.200 m radius
Laser source	visible diode (685 nm)
Laser power	high 4.5 mW/ low 2.5 mW
Rotary speed	300, 600, 900 RPM
Grade range	x: ±10%, y: ±25%
SmartLine™	yes, auto alignment (150 m)
Operating time	30 hrs, rechargeable
Housing construction	cast aluminum
Environmental	water / dustproof (IPX6); -20°C to +50°C
	RC-300 Remote
Display	high contrast graphical with backlight
Functions	X & Y grade, rotation speed, sensitivity, backlight, beam power, masking, SmartLine auto-alignment
Range	two-way communication 300 m
Environmental	water-/ dust-/ shockproof

* all technical changes are reserved by TOPCON, 12/2006



Patents Issued: 5517023, 5612781, 5636018, 5703718, 5708748, 5745623, 5751459, 5808771, 5819424, 5825788, 5894123, 5898489, 5909455, 5911325, 5926305,

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.

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WIRELESS "SMART" SLOPE LASER

High accuracy, auto aligning slope lasers

- 300% more accurate!
- auto-alignment feature
- world's first SmartRemote®
- "titless" steep slope laser

It's time.

You start with the world's most accurate ...



Leveling system

- World's first 5" accuracy system
 - Thermal software unique to each RT-5SW
 - Temperature drift 0,3" per degree °C
- No offset errors!



Dual grade system

- Super-accurate, total station based
- User definable grade axis
- Set grades x: $\pm 10\%$, y: $\pm 25\%$
- Selectable sensitivity and fast motors



SmartLine™ alignment system 150 m

- Fast, accurate set-up with remote RC-300
 - Eliminates human error
 - Automatic second day set-up.
- Always matches previous day's hubs

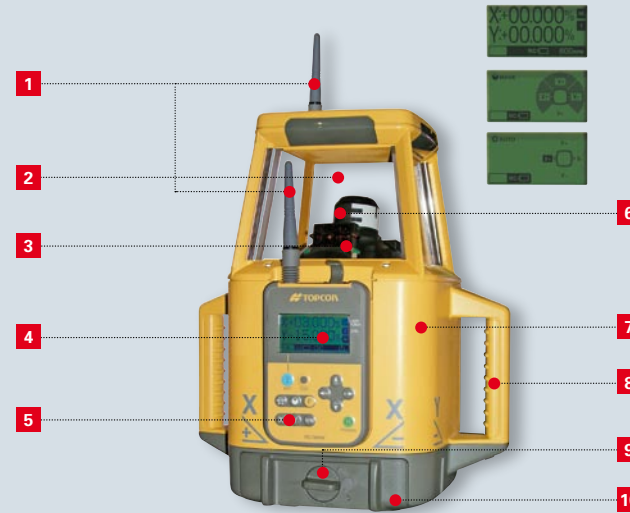


Power management choices

- Rechargeable battery means no cables
- Convenient 6-hour quick charge
- 12Vdc connection powers the laser
- One piece "holder" alkaline battery pack

The RT-5SW - all the laser, with all the features, you'll ever need

For fast, accurate setup, TOPCON incorporated of their patented SmartLine™ system. With this function your RT-5SW will automatically scan and find it's target. Auto alignment has a range of 150 m.



- | | |
|--|--|
| 1 antennas for remote control with RC-300 | 6 selectable rotation speeds from 300 to 900 rpm |
| 2 heavy duty glass protects "light-house", rubber bumpers protect remote | 7 dustproof and waterproof rugged cast aluminium-housing holds up to everyday bangs and bumps |
| 3 patented SmartLine™ system makes set-ups easy and accurate | 8 dual side, sturdy handles prevent accidents |
| 4 removable SmartRemote™ with large LCD provides full operation of the laser up to 300 m away | 9 run/charge capability with a converter |
| 5 large grade axis indicators for easy alignment | 10 battery compartment with secure hold battery tray |

Total Station accuracy, unbeatable repeatability

The RT-5SW is the most repeatable laser in the world, with a level vial 10 times more repeatable than the competition! In fact, when you use the RT-5SW, you're using the same liquid level vial used in Topcon's world leading Total Stations.

Advanced technology, simple operation ...

With the RT-5SW, simplicity starts with the RC-300 two-way communication remote. All features of the RT-5SW are accessible. Battery life, rotation speed, and auto-alignment are a few of the time saving features displayed on the larger LCD. Slopes up to 25% can also be entered on the RT-5SW without tilting the unit. An all metal, dust-/waterproof, sealed housing and a warranty second to none means it'll be there when you're ready to work.

RC-300 radio remote control

The RT-5SW features an integrated remote controller, RC-300, which is capable of two way communication up to 300 meters in range. It is actually the control panel of the RT-5SW and simply to remove for remote control of all functions and informations you need.

