

REVOLUTION 310 S

Fully Automatic Ruggedized Rotary Lasers

Description :

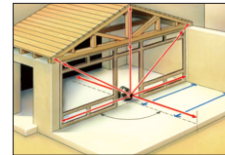
Latest generation highly durable rotary laser with highest precision accuracy. Designed for use in rough building construction site activity, inspection & implementation of levels & grades in road construction and leveling in agriculture. The primary purpose of the R 310S is exact leveling at great distance for establishing alignment & slope in all visibility conditions.

Features :

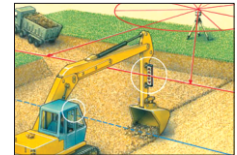
- Robust **waterproof** housing
- **Sensor Automatic:** fully automatic alignment via electronic positioning motors controlled by temperature-stable sensors.
- **ADS tilt:** automatic shutoff by ADS (Anti-drift system) when there is an external disturbance
- **AntiShake:** for rapid set-up & continuous /permanent leveling on vibrating surfaces and in windy conditions
- **SingleSlope:** this function allows manual tilt of an axis in automatic operation, even if ADS tilt is active.
- **SpotLite marking:** prevents parallax error and assists exact marking of the reference height
- A **vertical reference beam** is provided to plumb and align partition walls
- The **Sensolite 310** laser receiver has LC displays on the front and rear sides. Strong holding magnets allow it to be fixed to ferromagnetic objects. Enables use of instrument up to 600m dia
- **IR Control :** All functions can be controlled with the Commander 50 remote control from a distance of up to a maximum of 50 m
- The **4 IR receiving diodes** allow this instrument to be remotely operated from all sides
- **Transport Lock:** a special motor lock protects the unit during the transport



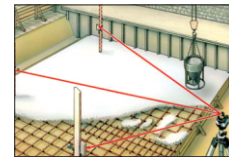
Application Illustrations :



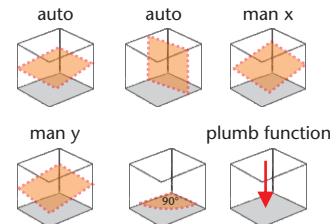
Level (Indoors)



Level (Outdoors)



Level (Foundations)



Specifications :

Accuracy	+/- 1mm/10m
Self Levelling Range	+/- 4°
Leveling	Horizontal & Vertical Automatic
Laser Reception Range	Max. 300m Radius
Rotation Speed	0, 350, 750 RPM
Laser Wavelength	635 nm
Laser Class	3R, <5 mW
Power Supply	Rechargeable Battery for 27 hours Alkaline Batteries for 58 hours
Water & Duct Protection	IP 66
Dimensions	178x146x188mm (WxHxD)
Weight (in g)	2250 g



Item Code : ST- R 310S



Product Supply Includes: ST-R310S Unit, 5/8 "x 11 Tripod, Laser Receiver, Remote Control, High Performance Rechargeable Batteries, Mains Charger & Carry Case.