

Designed in light and compact.

Innovated Vertical, Horizon and Rotating Laser Level.



New

STS LASER LEVEL



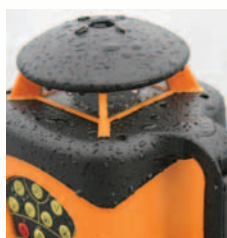
LASERLEVEL

STS-V600 (with Tripod)



Complete Automatic Leveling

For Horizon and Vertical, only place the instrument. ($\pm 5^\circ$) It is not necessary to use vial or adjusting screw.



Water and Dust Proof

This instrument conforms to IP56 for Water and Dust Proof. It is protected from rain and dust.



Remote Controller and Detector are included in the basic set

From remote place, it is able to operate the instrument with this remote controller.

About 600m in diameter

Using included detector, operating area will be widen to about 600m in diameter.

3 Way Power Supply

AC Adaptor and Rechargeable Battery are options.

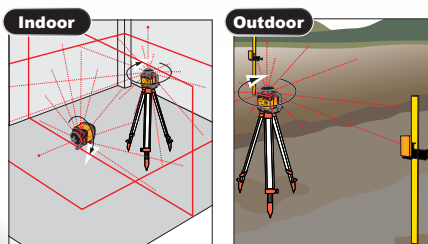
Scanning Mode Function

Safety Mode Function

Simple Slope Function

Accessories

- Instrument
- Tripod
- Original Hard Case
- Remote Controller
- Detector
- Clamp for Detector
- Laser Glasses
- Target
- C size dry battery x 4 pcs,
- 9V dry battery x 2 pcs.



Option(Do not include in the basic set)

- AC Adaptor (SAC-60)
- Rechargeable Battery(Ni-MH-C4.8)
Note: When using this rechargeable battery, AC Adaptor(SAC-60) is necessary.
- Sliding Stand for Detector (DST-150)

■ STS-V600 Specification	
Laser source	635nm Red Color semi-conductor laser
Output	Under 1mW Class 2(JIS C6802:2005)
Accuracy	Horizon $\pm 10''$ ($\pm 0.5\text{mm}/10\text{m}$) Vertical $\pm 15''$ ($\pm 0.75\text{mm}/10\text{m}$)
Automatic leveling range	$\pm 5^\circ$ (Automatic leveling in horizon & vertical)
Measurement range	About 60m in diameter Condition: Indoor, eyesight, Internal lightness 200~300LX About 600m in diameter Condition: when using detector SS-600
Scanning mode	O (Long / Short / Dot)
Rotating speed	High(500 \pm 50RPM) Low(120 \pm 50RPM)
Power supply	Alkaline C size dry battery x 4 pcs. Ni-MH-C4.8 Rechargeable Battery(Optional) Recharging hours about 12 h AC100V (Need AC Adaptor for option)
Continuous operating time	About 30 h (Alkaline battery) About 15 h (Rechargeable battery)
Battery life warning	Power pilot lamp blink
Using temperature range	-10 $^\circ\text{C}$ ~45 $^\circ\text{C}$
Out of compensation warning	Rotation stop, Buzzer sound & Laser beam blink
Safety mode	Safety Mode Lamp blink, Rotation stop, Laser beam blink.
Simple slope setting	X & Y 2 axes
Size/weight	178 x 190 x 138mm 1.6kg
Water and dust proof	Conform to IP56
■ GRC-400VH (Remote Controller) Specification	
Using range	Max. about 50m (Depending on using environment)
Power supply	Layered Dry Battery 9V S-006P(6F22) type
Size/weight	190 x 60 x 26mm 0.15kg
■ SS-600 (Detector) Specification	
Display	LCD display(both sides) and buzzer sound (Volume: Big/Small/No sound)
Detecting distance	Max. about 300m in radius(Max. about 600m in diameter)
Detecting accuracy	High $\pm 0.5\text{mm}$ Middle $\pm 1.0\text{mm}$ Low $\pm 2.0\text{mm}$
Power supply	S-006P(6F22) Layered dry battery (9V) x 1 pc.
Continuous operating time	About 36 h
Using temperature range	0 $^\circ\text{C}$ ~45 $^\circ\text{C}$
Battery life warning	O
Vial	Plate vials(vertical and horizon)
Illuminating device	O
Water and dust proof	Conform to IP56
Automatic power off	About 6 min. after last operation or detection
Size/weight	159 x 80 x 28mm / 0.25kg