

STS Laser Level STS-H600

STS-H600 (with Tripod) LASER LEVEL

Horizon Rotating Laser with new functions

- Long distance : 600m in diameter
- Compact design : Light weight and small size



Equipped with a detector & remote controller

With the equipped remote controller, easy to handle from anywhere.

High Accuracy $\pm 0.38\text{mm}/10\text{m}$

Realized $\pm 8''$ ($\pm 0.38\text{mm}/10\text{m}$) instrument accuracy. It makes more precise measurement available.

Complete Automatic Leveling

Only place the instrument. ($\pm 5''$) It is not necessary to use vial or adjusting screw.



Water and Dust Proof & Vibration Resistance

This instrument conforms to IP56 for Water and Dust Proof. It is protected from rain or dust. Due to Vibration Resistance, this instrument can bear being used in hard working condition.

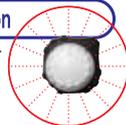


About 600m in diameter

Using included detector, the available range will be about 600m in diameter.

Seamless Laser Emission

The almost seamless laser emission enabled the detector to catch the laser beam anywhere in 360°



Strong Body: Shock Resistance

This instrument body is designed as shock and vibration resistance using rubber material putting around the main body. Improved leveling system enabled shock and vibration resistance more effective.

Safety Mode Function

3 Way Power Supply

AC Adaptor and Rechargeable Battery are options.

Anti-Vibration Mode

This Anti-Vibration function makes the instrument keep leveling continuously without stopping rotation every time it feels slight vibration.

Function for partly shutting off laser beam

With simple operation on Remote Controller or Instrument Panel at where you only push the direction bottom of where you do not want to emit laser to, you can shut off the laser beam partly except for your operating area. You do not bother other workers anymore.



Simple Slope Function

Accessories

- Instrument
- Tripod
- Original Hard Case
- Remote Controller
- Detector
- Clamp for Detector
- AA dry battery x 6 pcs.
- 9V dry battery x 2 pcs.



Option (Do not include in the basic set)

■ AC Adaptor (SAC-60)

Note: It does not work only with AC Adaptor. Rechargeable battery(BTH600) is necessary even when operating with AC100V.

■ Rechargeable Battery(BTH600)

Note: for using this rechargeable battery, AC Adaptor(SAC-60) is necessary.

■ Sliding Stand for Detector (DST-150)

■ STS-H600 Specification

| | |
|-----------------------------|---|
| Laser source | 635nm Red Color semi-conductor laser |
| Output | Under 1.5mW Class 3R(JIS C6802:2005) |
| Accuracy | $\pm 8''$ ($\pm 0.38\text{mm}/10\text{m}$) |
| Automatic leveling range | $\pm 5''$ |
| Measurement range | About 60m in diameter Condition: Indoor, eyesight, Internal lightness 200~300LX About 600m in diameter Condition: when using detector of SS-H600 |
| Rotating speed | 1000 \pm 100RPM |
| Power supply | Alkaline AA dry battery x 6 pcs. BTH600 Rechargeable battery(Optional) Recharging hours about 4~5 h AC100V (need AC Adaptor of option) |
| Continuous operating time | About 30 h(Alkaline battery) About 17 h(Rechargeable battery) |
| Battery life warning | Power pilot lamp blink |
| Using temperature range | -10°C~45°C |
| Out of compensation warning | Rotation stop, Buzzer sound & Laser beam blink |
| Safety mode | Safety mode lamp blink, Rotation stop, Laser beam blink. |
| Size/weight | 140 x 140 x 187mm 1.95kg |
| Water and dust proof | conform to IP56 |

■ SS-H600 (Detector) Specification

| | |
|---------------------------|--|
| Display | LCD display(LCD 2 sides) 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 | -10°C~45°C |
| Battery life warning | ○ |
| Vial | Plate vials(vertical and horizon) |
| Illuminating device | ○ |
| Water and dust proof | Conform to IP56 |
| Automatic power off | About 6 min. after last operation or detection |
| Size/weight | 159 x 82 x 28mm / 0.25kg |

■ RC-H600 (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 |



ISO 9001 Certified



ISO 9001 Certificate no. 900982



Japan Surveying Instruments Manufacturers' Association

JSIMA is an organization aiming at development and advancement of Japanese Land Surveying Industry. We, STS, are the formal member of this organization.

DUE TO PRODUCT IMPROVEMENT, THE SPECIFICATION & THE APPEARANCE MAY CHANGE WITHOUT ANY NOTICE.

Warning : Don't stare at the laser output as it may hurt your eyes if you look through optical instruments such as loupe, magnifying glass, microscope, telescope & binoculars.

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