

Carpenter's Squares
Stainless Steel Rules/
Machine Scale
Aluminum Rules
Resin Rules/
Bamboo Rules
Squares/
Protractors
Vernier Calipers/
Micrometers
Tape Measures
Surveying Products
Scales
Levels

Rotating Laser

Horizontal accuracy ±10 mm / 100 m (HV-3)	Vertical accuracy ±15 mm / 100 m (HV-3)	Measuring Range 800 m (Diameter) (HV-3)	Measuring Range 400 m (Diameter) (H-3)	Dust/Water-proof IP66 (HV-3)	Remote Control Rotation (HV-3)	For Laser Receiver Detachable Lithium-ion battery (HV-3)
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70821/70817



70820/70816



70819/70807



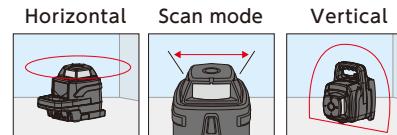
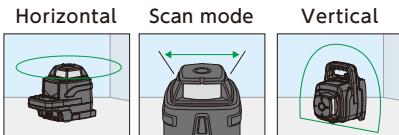
70818/70806



NEW 70821



NEW 70820



NEW 70819



NEW 70818



Features

- Included receiver can be used outdoors where it is difficult to see laser line
- Main unit and receiver are IP66 dustproof/waterproof
- Deviation between laser beam and center indicator can be checked numerically with digital receiver (70821/70820/70819/70818)
- Deviation between laser beam and center indicator can be checked on LCD screen (70817/70816/70807/70806)

HV-3

- Enables leveling and vertical marking
- Scan mode enables line width irradiation in 4 stages
- Point mode enables point irradiation by stopping rotation
- Receiver can be used in radius up to 400 m
- Collision detection mode stops unit if it moves unexpectedly after installation
- X and Y axes can be tilted within range of ± 5° in manual mode

H-3

- Enables leveling
- Receiver can be used in radius up to 200 m

Use

- For all types of referencing
- For civil engineering and construction foundation work
- For one-person operation and labor saving

Specifications

- Mentioned on page 150

*Laser depicted is an illustration.

Accessories

Charging adapter (USB Type-C)	4 AA alkaline batteries (for receiver)
Digital receiver (70821/70820/70819/70818)	Receiver (70817/70816/70807/70806)
Photodetector holder	2 AAA alkaline batteries (for remote control) (HV-3 only)
Storage case	
Laser Glasses	
For green	For red
Lithium-ion Battery (spare)	
	Remote control (HV-3 only)

●Parts are listed from p.274

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
70821	HV-3 Green with Digital Receiver	180×138×210	1,710	4 960910 708211		
70820	HV-3 Red with Digital Receiver	180×138×210	1,710	4 960910 708204		
70819	H-3 Green with Digital Receiver	180×138×210	1,670	4 960910 708198		
70818	H-3 Red with Digital Receiver	180×138×210	1,670	4 960910 708181		
70817	HV-3 Green with Receiver	180×138×210	1,710	4 960910 708174	1	B
70816	HV-3 Red with Receiver	180×138×210	1,710	4 960910 708167		
70807	H-3 Green with Receiver	180×138×210	1,670	4 960910 708075		
70806	H-3 Red with Receiver	180×138×210	1,670	4 960910 708068		

NEW New catalog items EN English package RD With red numbers JP Japanese zodiac signs CM cm/shaku (Upper side (or Front) metric / Lower side (or Back) shaku) SH shaku/cm (Upper side (or Back) shaku / Lower side (or Front) metric) U With magnet

NS With non-slip pad BS With battery LI Lithium-ion battery (LHON) VS Vial with luminous sheet GS With groove for slider JC Optional JCSS certificate GL Optional general calibration certificate