

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	Lasers/ Optical Equipment	Inclinometers/ Chalklines/ Plumbholders	Circular Saw Guides	Construction Tools	Industrial Tools	Thermometers/ Hygrometers/ Environmental Measuring Instruments	Outdoor Products	Magnifying Glasses	Drawing Tools	Magnets
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Laser Beam Level 2



76165

PSC compatible product



76166

- Safe design in which laser beam is activated only when the contact sensor and laser switch are pressed

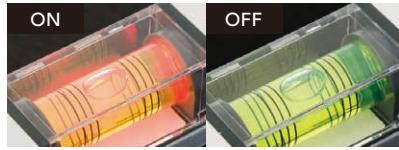


Contact sensor

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
76164	300 mm	300×55×25	320	4 960910 761643		
76165	300 mm with Magnet	300×55×25	435	4 960910 761650	1	C
76166	450 mm	450×55×25	430	4 960910 761667		
76167	450 mm with Magnet	450×55×25	540	4 960910 761674		

Features

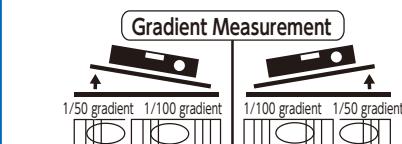
- Laser point can be directed up to 10 m outdoors/30 m indoors to show horizontal level/gradient in a remote place
 - Depends on usage environment such as brightness
- Horizontal vial LED lights up brightly when laser is irradiated, so you can see at a glance that laser light is coming out



- Measurement surface has a V-shaped groove to enable pipe measurement
- Can measure gradients of 1/50 and 1/100

Magnetic model

- Handy for steel frame work thanks to powerful magnet with yoke



*The size of air bubble varies depending on temperature.

Use

- For installation work in civil engineering, plumbing, electrical, block, interior decoration, DIY, etc.
- For exterior work
- For one-person operation and labor saving

Specifications

Laser	Light Source	Visible light semiconductor laser
	Output	Less than 1 mW (JIS class 2 C6802:2014)
	Wave Length	640 - 660 nm
	Display Accuracy	±2 mm per 5 m
	Diameter *1	φ3 mm per 5 m
Vial	Distance Recognition	Outside: Approx. 10 m Inside: Approx. 30 m
	Sensitivity *2	Horizontal: 0.35 mm/m = 0.0201° Vertical: 0.5 mm/m = 0.0286°
	Precision	Horizontal: ±1.0 mm/m = less than ±0.0573° Vertical: ±2.5 mm/m = less than ±0.1432°
Use Temperature		-10 - 50°C
Power Source		2x AAA Alkaline batteries (Batteries included are for trial use only and may not last as long)
Material		Body: Aluminum, ABS resin, polypropylene resin Vial: Acrylic resin Liquid: Petroleum liquid

*1 Depends on usage environment such as brightness.

*2 Sensitivity is the gradient when the bubble starts moving.

Rotating Base



76478



Image

Features

- Smoothly rotates 360°
- Can be used for height adjustment such as positioning of a window frame by mounting a laser beam level and attaching to a tripod

Use

- For horizontal referencing by mounting a laser beam level

Specifications

Material	Rotating Plate Base: Aluminum die casting Level Stopper: ABS resin
Accessories	Hexagonal wrench (for adjusting circular vial)
Installation Screw	5/8 inch

Item Code	Description	Body Size (mm)	Weight (g)	JAN Code	Packing Unit	Packaging
76478	for Laser Beam Level	φ108×100	800	4 960910 764781	1	B