



# LR-XH100

Separate Amplifier Model, Sensor Head, 100mm range, 2m Cable



\*Please note that accessories depicted in the image are for illustrative purposes only and may not be included with the product.

## Specifications

Model		LR-XH100
Type		Cable Length: 2 m
Detecting Distance		25.0 to 100.0 mm
Standard Detectable Deviation		1.0 mm
Display Resolution		0.1 mm
Spot Size		Approx. 0.3 mm × Approx. 2 mm (at a detecting distance of 100 mm)
Light Source	Type	Green laser (505 nm)
	Laser Class	Class 1 laser product (IEC60825-1, FDA (CDRH), Part1040.10*1)
Environmental resistance	Enclosure rating	IP65/IP67(IEC60529)
	Ambient light	Incandescent lamp: 16,000 lx or less, Sunlight: 16,000 lx or less
	Ambient temperature	-10°C to +50°C (no freezing)
	Relative humidity	35 to 85% RH (no condensation)
	Vibration resistance	10 to 500 Hz; Power Spectral Density: 0.816 G <sup>2</sup> /Hz for X, Y and Z axes
Shock resistance		1,000 m/s <sup>2</sup> (100G); 6 times each for X, Y, and Z axes
Material		Case: SUS316L; Lens Cover: PSU; Packing: FKM (lens cover), EVM (cable)
Accessories		Laser warning label
Weight		approx. 75 g

\*1 Classification performed based on IEC60825-1 standards in accordance with FDA (CDRH) Laser Notice.

## Dimensions

\* Download CAD file or product manual for larger image/text and more detail.

### LR-XH50\_XH100\_XH250

