



LB-1003  
Amplifier Unit

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

 This model has been discontinued.  
Compliance with the certification standard is ensured as of the time of shipment from our company.

Contact Us: 1-888-539-3623

Recommended Replaceable Products: [CMOS Multi-Function Analog Laser Sensor - IL series](#)

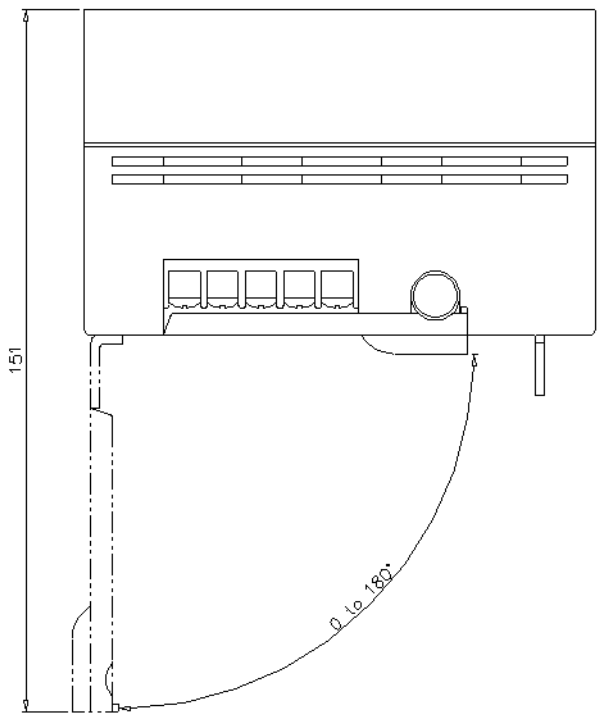
Specifications

|                                                                |                |                               |                                       |
|----------------------------------------------------------------|----------------|-------------------------------|---------------------------------------|
| Model                                                          |                |                               | LB-1003                               |
| Type                                                           |                |                               | High-resolution Controller            |
| Reference distance                                             |                |                               | 40 mm 1.57"                           |
| Measuring range                                                |                |                               | ±5 mm ±0.20"                          |
| Output                                                         | Laser Class    | FDA (CDRH) 21CFR Part 1040.10 | Class II                              |
|                                                                |                | IEC 60825-1                   | —                                     |
| Light source                                                   | Type           |                               | Visible red semiconductor laser       |
|                                                                | Pulse duration |                               | 35 μs                                 |
|                                                                | Wavelength     |                               | 670 nm                                |
| Spot diameter (with white paper)                               |                |                               | 1 x 2 mm 0.04" x 0.08"" <sup>*1</sup> |
| Linearity (with white paper)                                   |                |                               | 0.25% of F.S.*1                       |
| Resolution (at LO mode with white paper at reference distance) |                |                               | 4 μm 0.16 Mil                         |

\*1 Spot diameter was measured with the target at the reference distance.

# Dimensions

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



LB-1000

