



Orbit LTH

Product code: LTH

Manufacturer: Solartron

Orbit LTH is a complete range of Laser Triangulation sensors for high precision measurements. With linearity of 0.02% FSO, and ranges of 2mm to 200mm, Solartron lasers offer the best solution for your measurement problem.

Its advantages include:

AUTO GAIN CIRCUITRY: The unit automatically adjust the power to the laser based on feedback from the material, providing better readings on more difficult surfaces.

GAP TIME: If you are checking a surface with gaps or holes that could throw off data, the laser has a bridging function where you can program the laser to account for those drop offs. Your data is then less likely to be skewed.

DIFFUSE OR SPECULAR MODES: Instead of purchasing a separate unit for Diffuse or Specular applications, the laser can switch between the two different modes, depending on the material.

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| Accuracy | +/- 0.02% FS |
| Measurement range | 2-200mm |
| Resolution | 0.0076µm |
| Sampling speed | 40 kHz -> 4 kHz |