



## Orbit LTM

**Product code:** LTM

**Manufacturer:** Solartron

Orbit LTM is a laser triangulation unit for precision measurements, with 0.04% F.S., reading over 2 or 10mm measurement ranges.

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.

<b>Accuracy</b>	+/-0.03% FS
<b>Measurement range</b>	2-100mm
<b>Resolution</b>	0.024µm
<b>Sampling speed</b>	40 kHz -> 4 kHz