



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.

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