

# S1000

## SINGLE AXIS LASER SCANNING SYSTEM

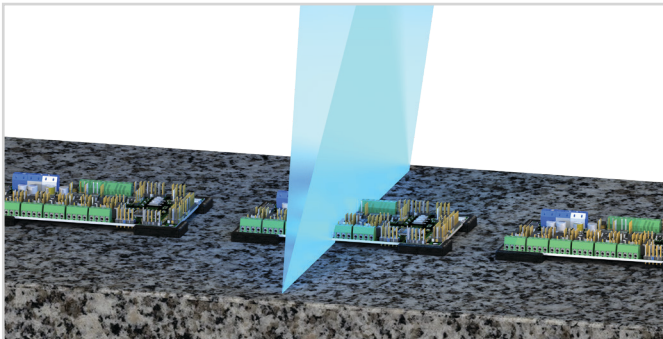
The S1000 is a single axis precision 3D laser scanning system capable of measurements and defect inspection of complex parts. Standard configuration uses a 3D Laser Profile Scanner to traverse over a part while collecting 3D point cloud data. Data intervals may be as precise as up to every 75 microns along X and Y direction.



SCAN LENGTHS AVAILABLE	250 mm to 1500 mm
SCANNING WIDTH RANGE	8.27" (210 mm) to 20.08" (510 mm)
SYSTEM ACCURACY RANGE	0.00473" (120.25 $\mu$ m) to 0.01614" (410 $\mu$ m)
Single scanner and double scanner configurations available.	

### INCLUDES

- Laser Scanner on precision motion axis
- PC with MAS S-Series Analyzer software
- Complete control cabinet
- 4k monitor



### FEATURES

- Single axis servo motion with precision rails
- Easy integration with other equipment
- Built-in GPIO for external communication
- Ideal for defect detection
- Live temperature compensation available
- All of the S-Series machines are equipped with our S-Series Analyzer Software
  - Single interface for motion control, data capture, analysis, and reporting.
  - Automate measurements with recipes
  - CAD comparison
  - GD&T measurement tools
  - Expandable functions with custom add-ins

## SCHEDULE A DISCOVERY MEETING TO LEARN MORE



Talk to an engineer about your measurement challenges and find out how S-Series and MAS can help you improve your quality.

Additional specs and product configurator available at:

[mfgautosys.com/s-series](https://mfgautosys.com/s-series)

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