

Full Range of Non-Contact Surface Measurement Solutions

Sensor Depth of Field up to 600 mm

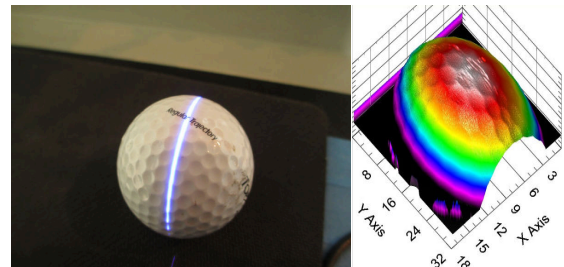
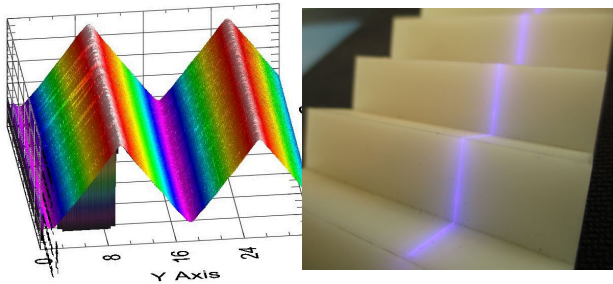
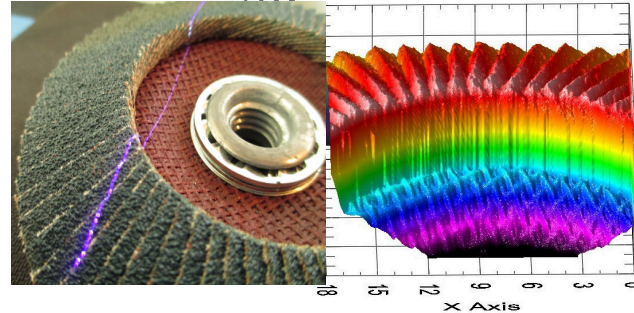
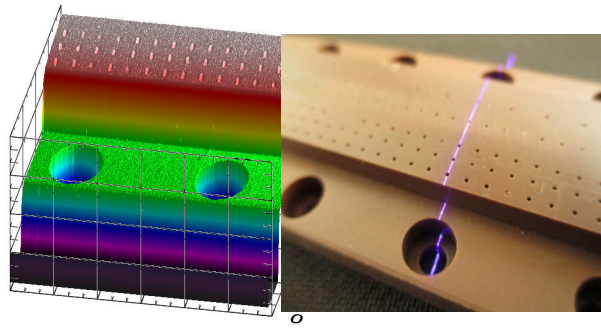
Accuracies to .003 microns

Speeds up to 620k samples per second

Scan a 6" x 6" area in 3 minutes

Non-Contact Surface Mapping Made Easy

- TrueMap software for extensive data analysis and manipulation
- Reliable high-speed PC-based control systems
- Submicron precision XYZ and theta movement systems/stages
- Proprietary control and data acquisition system - scans may contain greater than 10 million data points.
- Scans surfaces over 60" x 60 "
- Custom systems starting below \$20,000
- Online caliper measurement systems
- Free initial testing of samples
- Contract testing available
- Reverse engineering systems and services



3Dprofiler.com

Main Plant:

104 Packer Dr.
Roberts, WI 54023

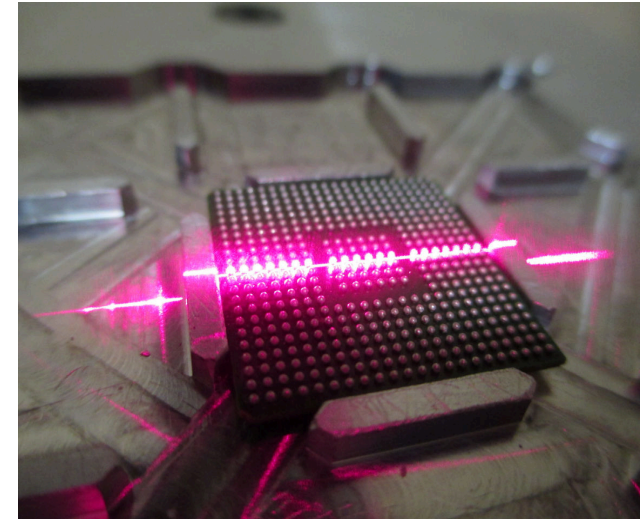
Operations / Lab:

71 Park St Ext.
Little River, SC
29566

612-710-4283

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Non-Contact Surface Measurement Systems



Ball Grid Array Scanned By Line Laser

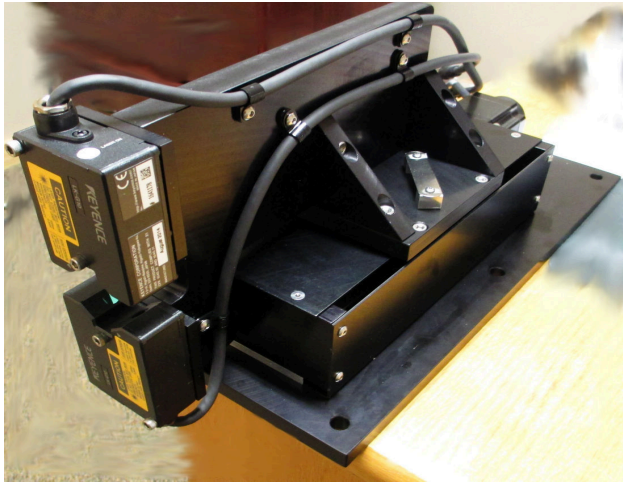
3Dprofiler.com BGA Linescanner:

-Speeds up to 1 inch x 1 inch per second

-620,000 samples per second

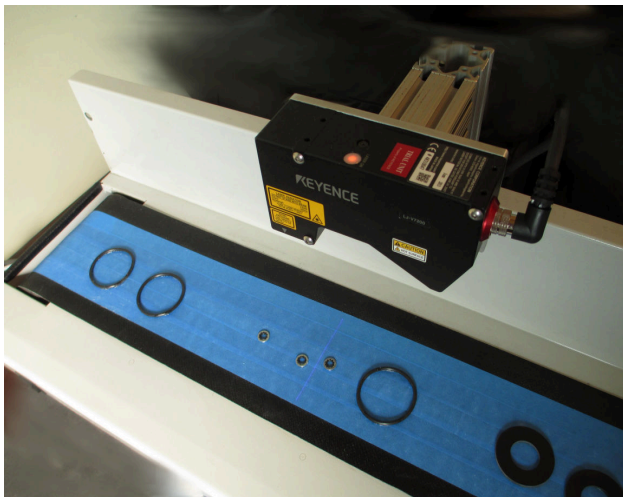
-Able to scan 64 parts per automated scan in under 4 minutes.

In-line / In-process Integration



Single Axis Thickness Measurement System

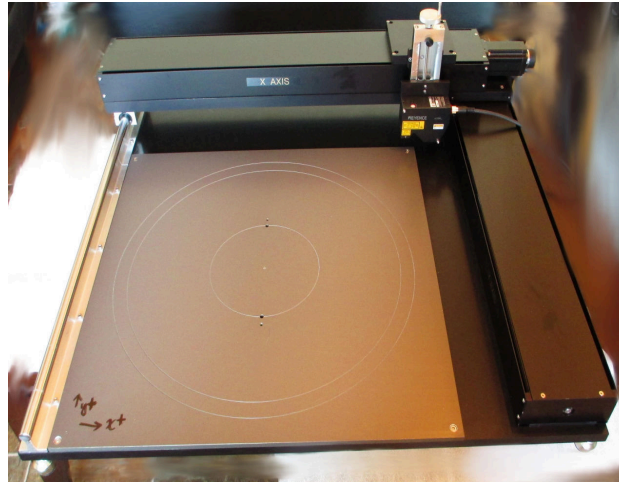
Applications: Wire, ribbon, tape, film or glass.



Conveyor-Mount Linescanner

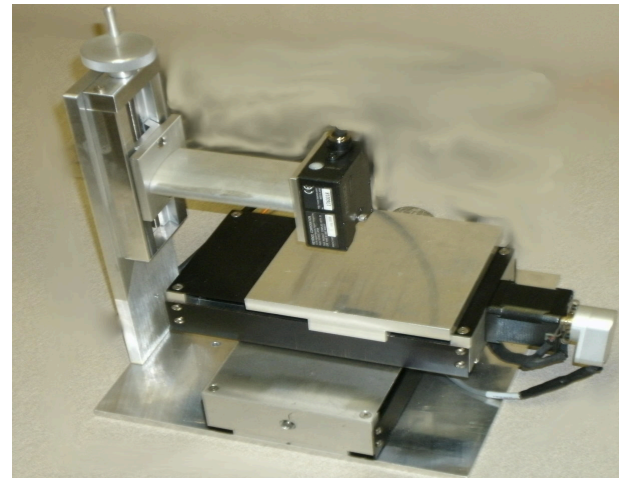
Applications: Hard goods, food, parts sorting, tolerance checks.

Custom Sizes and Applications



**Large Format Bridge-Style System
-27 x 27 Inch Measurement Area**

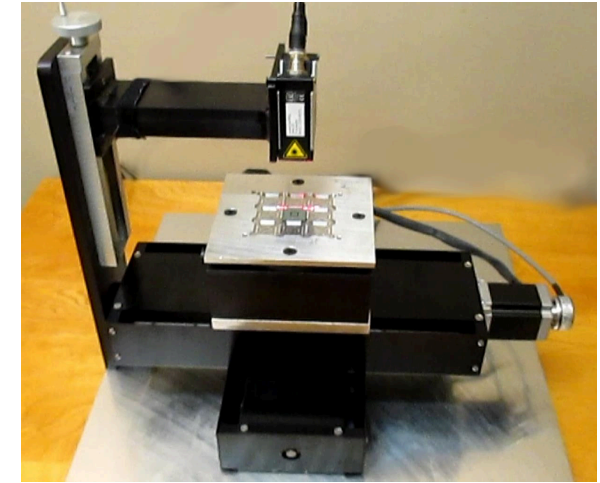
Applications: Large sheet or plate material requiring full surface scans and defect detection.



Compact Clean Room Unit

Applications: Excellent for small parts/ medical applications. Micropositioning and ultra-fine scanning. Compact 12 inch x 12 inch footprint.

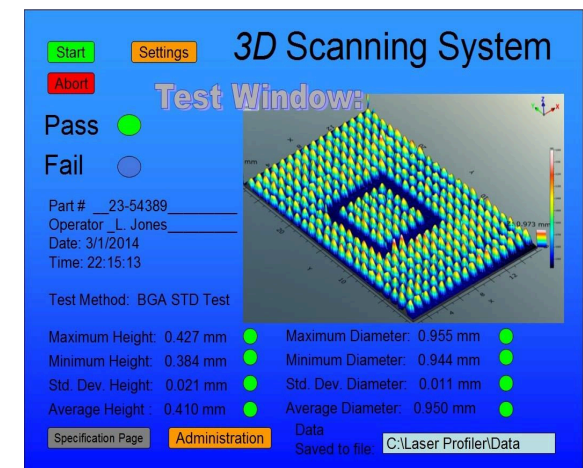
Turnkey Application - Specific Designs



Ball Grid Array Scanner

Applications: Semiconductors, wafers, flatness, coplanarity.

12 inch x 12 inch and larger sizes available. Custom loading plates machined to fit individual needs.



Sample Ball Grid Array Data Output
See video of the BGA Scanner at 3Dprofiler.com!