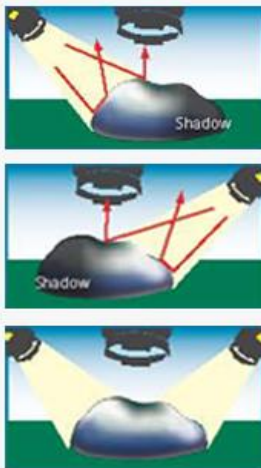


Quality at the start of the SMT process comes from improving the quality of solder paste printing. TRI's three-dimensional solder paste inspection system can quickly measure the area, volume, and thickness of every solder joint and can detect short circuits. It is ideal for small, high-density products, preventing bad connections as a result from small solder joints and lack of solder, component vibration and heat expansion, improving the product's quality.

The TR7007 ultra-high-speed 3D Solder Paste Inspection adopts the Fringe Pattern Technology and dual light source, can solve the shadow and reflection problem simultaneously. It is equipped with a linear motor and linear scale that provides a highly accurate X-Y Table system.



**THE FASTEST 3D
SPI SYSTEM IN THE WORLD**



Features:

- Full 3D scan at maximum 87cm²/ sec @ 10µm resolution
- Fringe Pattern Technology.
- Shadow Free.
- Linear motor and linear scale create an even-more precise and stable X-Y table motion system.
- Excellent 3D inspection and operation technology with warp auto-tracking system, provides outstanding defect-detecting ability.
- Great inspection ability of lead-free manufacturing process and fine-pitch/01005 components.
- Smooth Automatic Test Program Generator (ATPG) flow lets users create inspection programs quickly and easily.
- SPC system calculates the statistical data and provides statistical reports.
- Available to link with YMS to integrate and analyze the data of TRI systems across all production lines.

	TRI TR7007	C COMPANY XX-500	K COMPANY A-2
Fringe Pattern	✓	✓	✓
Inspection Speed	171 cm²/s (14µm) 87 cm²/s (10µm)	80 cm ² /s (15µm)	47 cm ² /s(15µm) 21cm ² /s(10µm)
2D color	✓	X	X
Shadow Free	✓	X	✓
Linear Motor(X,Y)	✓	✓	Ball Screw AC Servo

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