High-speed Vision Inspection Module
Model：TEV-300

High-speed Vision Inspection Module, TEV-300

TEV-300 is designed for the measurement and the inspection of tiny electronic components, like MLCC / MLCI / Chip Resistor / Diode / LED, and can be easily installed on most popular taping machines. With most 3 independent sets of inspection cameras, users can check the products at both the indexing plate and the reel. The production speed can be maintained and not influenced with the superior image processing algorithms and the help of the buffered output mode.

Specification

Application: MLCC / MLCI / Chip Resistor / Diode / LED / QFN, and etc.
Inspection Stations: Most 3 Independent Stations.
Inspection Locations: Indexing Plate and Reel.
Measurement Items: Product Dimension, Electrode Dimension, and Electrode Distance.
Inspection Items: Empty Cavity, Flipping, Contamination, Dirt, Chipping, Chrominance, Marking, and etc.
　　　　　　　8 Adjustable Inspection Sets for Each Camera.
Processing Speed: About 4ms (For MLCC)
　　　　　　　3,000 pieces per minute when result outputs are sequential and interlocked (Immediate mode).
　　　　　　　6,000 pieces per minute when result outputs can be queued and buffered (Buffered mode).
Computer System: Industrial PC / Intel Core i7 Processor / Windows 7 64-Bit Professional / Full-HD Monitor.
Camera System: High-speed USB3.0 Industrial Camera / 640x480 Resolution / Selectable Lens.
Lighting System：d28×D50 Annular LED Strobes