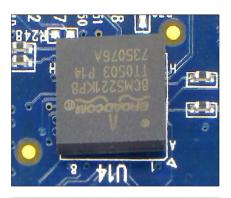
TECHNOLOGICALLY ADVANCED

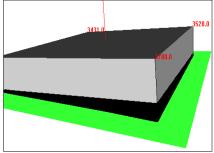
MV-2GT



- Single Camera Desktop AOI System
- FIVE MEGA PIXEL Digital Color Camera Technology
- 13.4 Micron / Pixel Resolution
- Extremely Simple Programming and Operation
- Superior Defect Detection / Lowest False Call Rate!
- World Class" Global Customer Support







- Integrated INTELLI-BEAM Laser Inspection System
- Four Point Height Measurement For Co-Planarity
 Testing Of BGA and CSP Devices
- **■** Enhanced 3D Solder Paste Measurement Capability



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MV-2GT Features and Specifications

Standard Features:

- Intel ® Core™2 Duo PC, 24" Flat Screen LCD Monitor, Windows 7™ OS, HDD, Mouse & Keyboard, Network LAN Card.
- Adjustable PCB Work Fixture, Safety Light Curtain.
- Three (3) Layer Programmable LED Light Source (Horizontal, Vertical, Coaxial).
- Pre and Post Reflow Inspection Capability.
- Automatic Teaching Software w/ Comprehensive Package Type Library for Simple "Drag and Drop" Programming.
- Local Software: Repair Plus Software, Statistical Process Control (SPC) Software.

Options:

- Intelli-Beam Laser System Z-Height Measurement Capability for BGA and CSP Devices.
- NG Marking System Clearly Marks Position of Defects with a Water Soluble Ink Dot.
- 2D Bar Code Reader Gun Type 2D Bar Code Reading Capability Using Handheld Gun Type Reader.
- 2D Bar Code Reader Camera Type 2D Bar Code Reading Capability Using the Top Down Camera System.
- Remote Software (PC Required): Off Line Programming, Remote Repair Plus, Remote SPC, Remote Management.
- Inspection System Moveable Workstation.

System Specifications:

Top-Down View Camera	Field Of View	Resolution
5M Pixel (2,456 x 2,058) Camera	32.9mm x 27.5mm (1.30" x 1.08")	5 Mega Pixels @ 13.4 um/pixel

	Z-Height Measurement Accuracy: +/- 20 um
Intelli-Beam Laser Specifications	Resolution: 15 um / point
	Inspection Speed: 0.5 sec / point
Top Side Clearance	45mm (1.77")
Bottom Side Clearance	50.8mm (2.0") From Bottom of PCB Surface
Minimum Component Inspection	01005 Chip Component.
Robot Positioning System	Precision Closed Loop Micro Stepper Positioning System
Resolution	6 um (.000236 in.)
Repeatability	±15 um (± 0.000591 in.)
Maximum Inspection Speed	0.26sec / frame - 3,492 mm ² / sec (5.412 in ² / sec)
Power Requirements	110-220 VAC ± 10%; 50/60 Hertz; 5 Amps

Model Number	PCB Size Range
MV-2GT	50mm x 50mm to 500mm x 400mm (2.0" x 2.0" to 19.7" x 15.7")

Model Number	Machine Dimensions
MV-2GT	975mm W x 1,200mm D x 655mm H (38.3" W x 47.2" D x 25.8" H)

Model Number	Weight
MV-2GT	110kg (242lbs)