3D LINE LASER PROFILE MEASURING MACHINE
CODE VIM-P140

NON-CONTACT SCANNING | HIGH SPEED MEASUREMENT | FLATNESS/HEIGHT DIFFERENCE MEASUREMENT | CUSTOM-MADE

VIDEO





3D line laser scanning camera

- Flatness and height difference measurement of machinery, electronics, cell phones, molds, circuit boards and other products
- Full-range focusable optical system allows you to take pictures in focus range, even when the target height is changed
- Combing 2D and 3D data for complete detection; 2D data can be used for localization, code reading, character recognition, etc.
- The software is automatically corrected for workpiece position deviation; multiple scanned images can be automatically spliced to achieve stable detection

SPECIFICATION

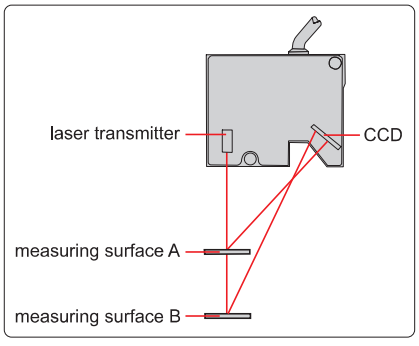
Travel range XY	400×350mm
Repeat positioning accuracy	2μm
Measuring range of Z-axis	24mm
Width of X-axis	96mm
Accuracy of Z-axis	±0.02mm
Repeatability of Z-axis	±0.5μm
Scanning speed	2500~10000Hz
Power supply	220V, 50Hz
Weight	200kg
Dimension (L×W×H)	750×760×400mm

STANDARD DELIVERY

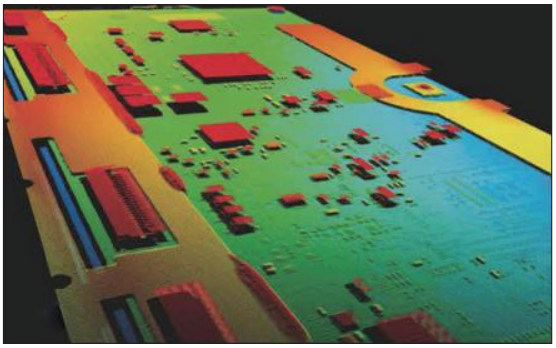
Main unit	1 pc
Industrial computer	1 pc
Display	1 pc
Keyboard and mouse	1 pc

CAMERA PRINCIPLE

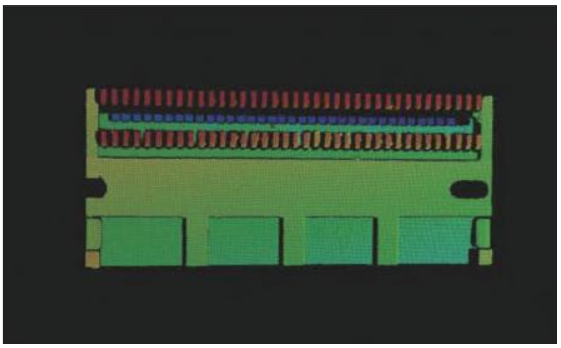
line laser scanning camera measurement principle



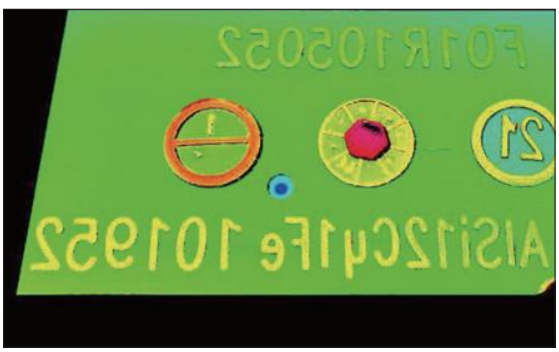
application



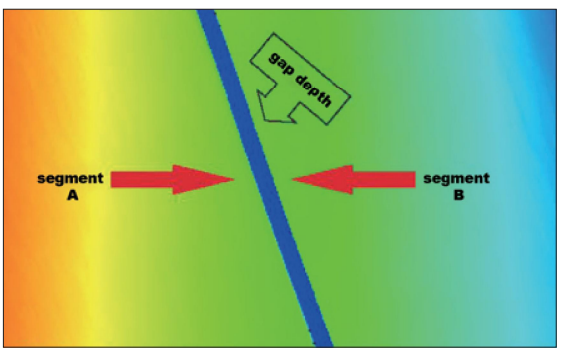
component height measurement on circuit boards



flatness and height difference measurement



character height measurement



gap depth measurement

MEASURING SOFTWARE (INCLUDED)

