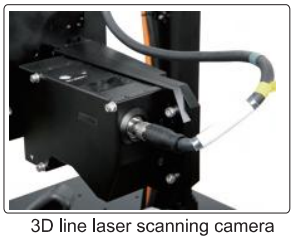
3D LINE LASER PROFILE MEASURING MACHINE
PART NO. VIM-P140-U

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

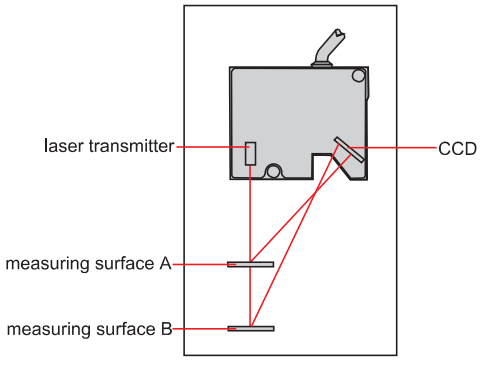


3D line laser scanning camera

- 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

CAMERA PRINCIPLE

line laser scanning camera measurement principle



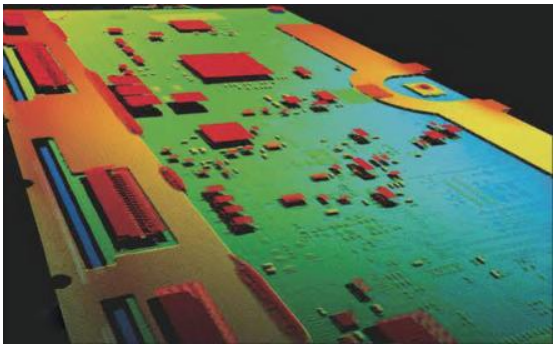
SPECIFICATION

Travel range XY	15.75×13.78"
Repeat Positioning Accuracy	.00008"
Measuring range of Z-axis	.945"
Width of X-axis	3.78"
Accuracy of Z-axis	±.0008"
Repeatability of Z-axis	±.00002"
Scanning speed	2500~10000Hz
Power supply	110V, 60Hz
Weight	440lb
Dimension (L×W×H)	29.53×29.92×55.12"

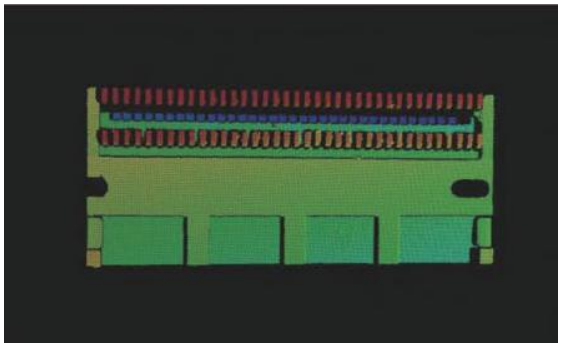
STANDARD DELIVERY

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

APPLICATION

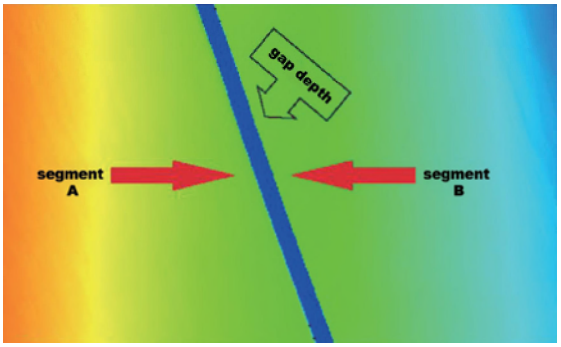


component height measurement on circuit boards



flatness and height difference measurement

character height measurement



gap depth measurement

MEASURING SOFTWARE (INCLUDED)