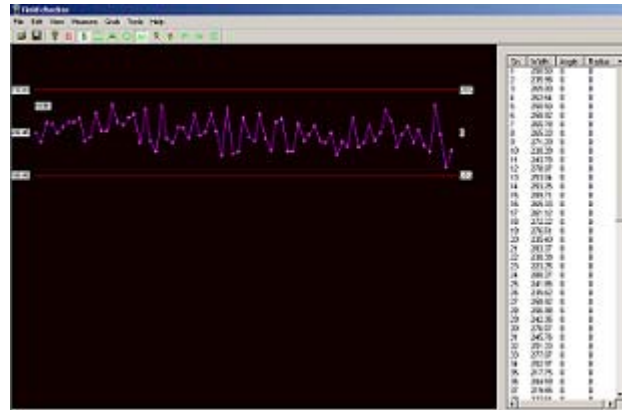
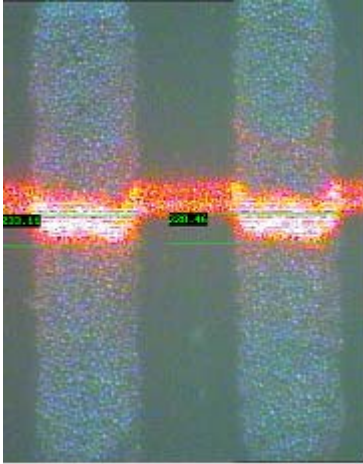


COMPUTER VIDEO SOLDER PASTE HEIGHT MEASUREMENT SYSTEM

CVM-SOLDERZ : FOR PRINTED SOLDER PASTE HEIGHT MEASUREMENT



Features :

1. The system uses laser vision technology and high quality color CCD and frame grabber to capture superb s-video images. This assures accurate and reliable measurement results.
2. It uses a movable, rotary, adjustable parallel line pair for fast solder paste height measurement.
3. It uses a movable and rotary angled line pair for fast angle measurement.
4. The measured data is displayed live in a report table and is editable. The SPC control chart of the measured data can be calculated and displayed or printed whenever needed. All measured data can be saved and re-loaded.
5. The color of the measurement tools can be selected. The measured values and the measurement tools can be annotated to the image and saved.
6. The image being measured can be enlarged, saved and re-loaded.

SYSTEM CONFIGURATION

1. C-mount microscope lens with adjustable LED ring light illumination. Fine laser line projected to solder paste. Rigid stand with focus control and large X-Y movement table of 70 X 45 mm travel range.
2. Matrox PCI frame grabber with s-video input, Sentech color CCD camera with s-video output. JIS calibration block gauge.
3. PC with 2GHZ or higher CPU, 256MB DDR RAM, 40G or higher hard disk, CD-ROM and floppy drives. Windows XP.
4. Windows software with HEIGHT, ANGLE and RADIUS measurement and SPC control chart output. Image capture and save.