



Digital Precision
Productivity. Delivered.

**MaxV-1206AV
DCC Video
Measuring System**

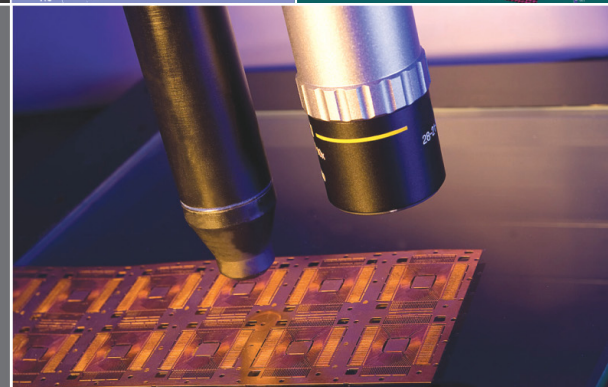
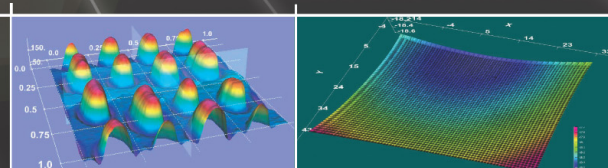
Multisensor,
Powerful Features,
Perfect Size,
and Exceptional Value!



Purchasing the MaxV system is one of the best investments that we have made.

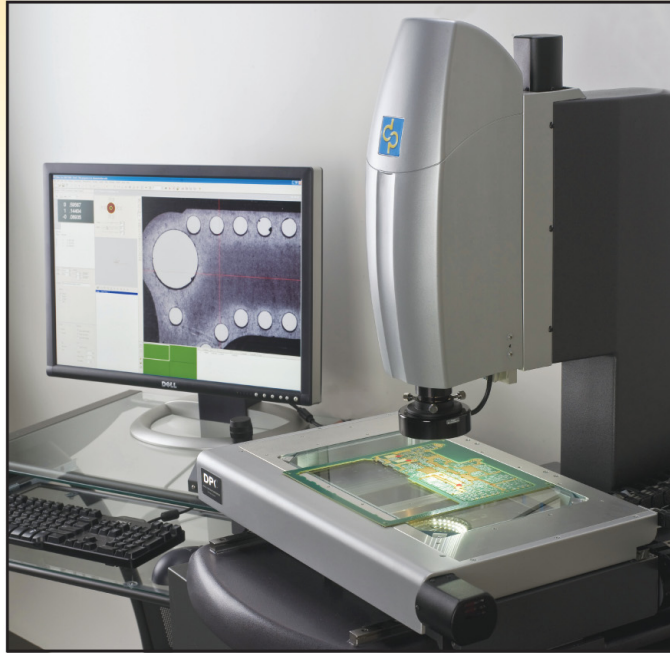
– Ali Amini, HIROSE Electric USA General Manager

- This DVCMM™ system delivers the best performance in its class, both in motion and imaging process speed.
- The ZVIEW™ DMP-4000 software provides rich sets of functions to handle applications across industries.
- MaxV series support mega-pixel digital cameras to achieve high image quality and superb measurement accuracy.
- Multi-sensor option and custom solutions are an integral part of our product offering as options available to you.
- Digital Precision provides the best cost-effective solutions aimed at improving your productivity and impacting your bottom-line.
- 12 month extended services warranty is included.



www.dpccorp.com

MaxV Series



Other features include programmable lighting, motorized zoom and software to support multiple programmable steps to maintain the magnification and calibration.

The DMP-4000 software has auto edge detection and provides full video CMM measuring capability. The stage mapping and video mapping capability greatly improves the system measurement accuracy.

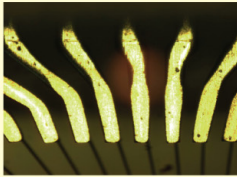
System Features

Model:	MaxV-0804: 200x100x175mm MaxV-0606: 150x150x140mm MaxV-1206: 300x150x140mm
Resolution:	Glass Scale (XYZ) MaxV-0804: 0.001mm MaxV-0606: 0.0005mm MaxV-1206: 0.0005mm
Camera:	High Resolution Mega-pixel Digital or NTSC CCD Video Camera
Optics:	6X Motorized Zoom
Illumination:	Programmable ring and sub-stage
Accuracy:	XY Linear MaxV-0804: E1=3.0+5L/1000um MaxV-0606: E1=1.9+5L/1000um MaxV-1206: E1=1.9+5L/1000um
Operation:	3 Axes Joystick Control Stepper Motor Drive
Motion:	51,200 Microsteps Per Revolution
Software:	DMP-4000
OS:	Windows XP/VISTA
Monitor:	19" LCD / 20" WLCD
Warranty:	One Year

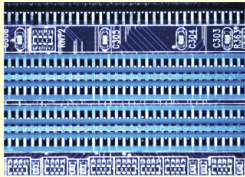
Options

Digital Camera:	Up to 6 Megapixel Color or Monochrome
Optics:	12X Zoom, 2X, 5X or 10X Objective
Lighting:	Co-axial, Quadrature LED Ring Light
Z Height Sensor:	Up to 10nm Resolution White Light or Laser
4th Axis:	Rotary Table

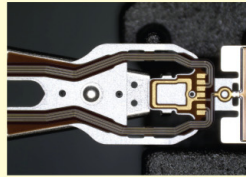
Applications



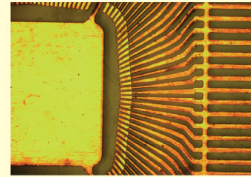
Golden Finger



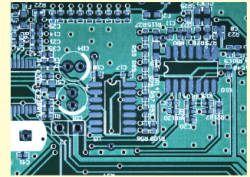
Connector



Hard Drive Head



Lead Frame

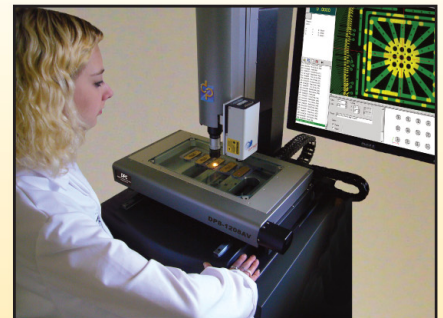
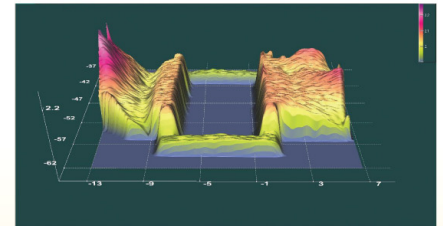


PCB

ViewS3D Surface 3D Analysis Software

ViewS3D is a surface 3D analysis software that offers data visualization and analysis for 3D data. The software is designed as a virtual reality 3D screen that brings the nanoworld to you for exploration. The 3D representation of the measured image as live real time interactive surface helps to analyze data in the most natural and intuitive way.

The software features our unique set of 3D interactive measuring tools such as markers, intersection planes, volume, mouse XYZ position read out, distance measurement, and ROI (range of interest) selection. Main parameters of the surface are returned as reports for the whole data set or within specific tool sets.



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