



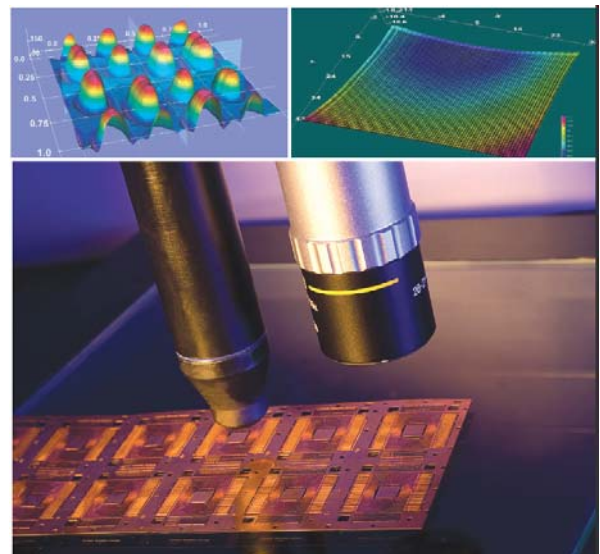
*High Precision*

*Multisensor*

*Side, front or bottom View cameras*

*Granite base, column, anti-vibration isolation*

- *This DVCMM system delivers the best performance in its class, speed and repeatability.*
- *The ZVIEW DMP5000 software provides a rich set of functions to handle applications across many industries.*
- *Supports mega-pixel digital camera to achieve high image quality and superb measurement accuracy.*
- *Multi-sensor option and custom solutions are an integral part of our configuration options.*
- *Only supplier of side view camera option enables you to measure from side view with / without referring to top view. The system can measure offset and thickness with bottom view camera option.*
- *Digital Precision Corp. provides the best cost-effective solutions aimed at improving you productivity and impacting your bottom-line.*



**Made in U.S.A.**

**[www.dpccorp.com](http://www.dpccorp.com)**

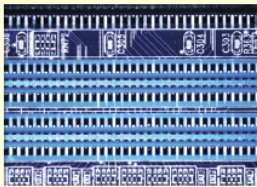
*Quality Metrology Provider Since 1998*

# MaxV-1212

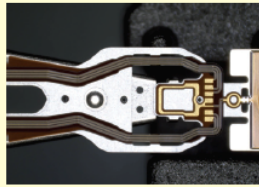
Other features include programmable lighting, motorized zoom and software to support multiple programmable steps and maintain the magnification and calibration.

The DMP5000 software has auto edge detection with sub-pixel resolution. It provides full CMM measuring capability. The stage and video mapping capabilities greatly improve the system measurement accuracy.

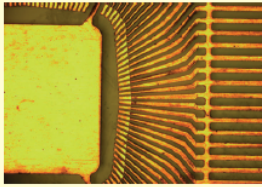
## Applications



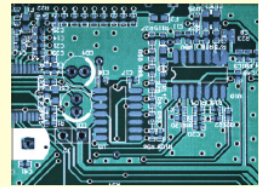
Connector



Hard Drive Head



Lead Frame



PCB

## Standard Measurement

- Distance
- Circle
- Linewidth
- Thickness
- Length
- Angle
- Ellipse
- Area
- Height
- Co-plane
- Statistics
- Counting
- Slot
- Position
- Circularity
- Concentricity
- Straightness
- Angularity
- Parallelism
- Perpendicularity
- Statistics



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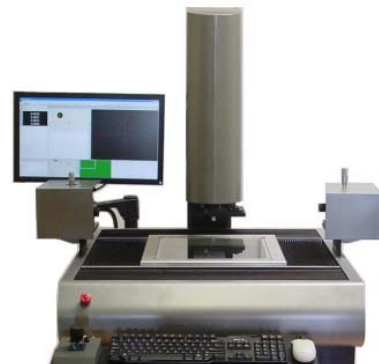
## Standard Configuration

<b>Travel:</b>	12 (X) x 12 (Y) x 6 (Z) inch
<b>Resolution:</b>	Linear scale 0.1 um (XYZ)
<b>Camera:</b>	2048 x 1536 digital camera / NTSC CCD camera
<b>Optics:</b>	0.58X-7X programmable zoom
<b>Illumination:</b>	Programmable LED ring, LED co-axial, LED sub-stage and LED low angle project
<b>L, Accuracy:</b>	XY E1 = 1.7 + 5L / 1000 um Z E1 = 2.5 + 5L / 1000 um
<b>Motion:</b>	Microstepping stepper
<b>Software:</b>	DMP-5000
<b>OS:</b>	Windows 7
<b>Monitor:</b>	20 inch WLCD
<b>Dimension:</b>	32 (W) x 70 (H) x 39 (D) inch
<b>Warranty:</b>	One year

## Options

<b>Encoder:</b>	<b>0.01um resolution</b>
<b>Z Axis Travel:</b>	<b>8 inch</b>
<b>4th Axis:</b>	Rotary table
<b>Height Sensor:</b>	Up to 10nm resolution. Laser, white light or con-focal
<b>Camera:</b>	Up to 12M digital camera
<b>Optics:</b>	2X, 5X, 10X or 20X objectives
<b>Illumination:</b>	Red LED ring
<b>Motion:</b>	Digital servo
<b>Touch Probe:</b>	Renishaw TP20

## With Side Cameras



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