### Excel Multisensor Measuring Centers™

<table>
<thead>
<tr>
<th>Model</th>
<th>Scale Resolution</th>
<th>XY Accuracy</th>
<th>Z Accuracy</th>
<th>Measurement Capacity (mm)</th>
<th>Machine Dimensions (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Excel 501 HM/HC</td>
<td>0.4 μm</td>
<td>2.8±L/200</td>
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<td>400x500x160</td>
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<td>Excel 502 HM/HC</td>
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**Camera and Optics**
- Digital, Hi-Res Video, Color (C series)
- Digital, Hi-Res Video, B&W (M series)
- 19.5:1 Zoom Range, -20°-390° (H Series)
- 36:1 Zoom Range, -15°-540° (U Series)

**Part Program Compatibility**
- Transfer programs between systems with Inspec.

**Non-Linear Calibration**
- Ensures Highest Accuracy
- Standard for Stage and Optics
- Automated Calibrations

**Aerospace Components**
- Connectors
- Consumer Electronics
- Cutting Tools
- Dental Implants
- Dies
- Electronic Components
- Fasteners
- Fiber Optic Fems
- Fillings
- Flex Circuits
- Gaskets and Seals
- Implants - Medical
- LCD and Flat Panel Parts
- Led Frames
- Machined Metal Parts
- Masks
- Medical Components
- Micro Machined Parts
- Masks
- Motor Laminates
- Mylar Art Work
- O-Rings

**Packaging**
- Plastic Molded Parts
- Powdered/Sintered Metal Parts
- Printed Labels
- Rubber Parts
- Sheet Metal
- Solar Panels
- Stamped Parts
- Stems
- Threaded Holes
- Tooling
- Watch Components
- Wire Connectors and more

**High Speed and Accuracy**
- Advanced Zoom and Lighting
- Integrated Vision, Touch, and Laser
- Measure Multiple Parts and Extra Large Parts

**Micro-Vu**
- Precision Measurement Systems Since 1959

**Micro-Vu**
- 7909 Conde Lane
- Windsor, CA 95492 USA
- Phone: (+1) (707) 538-5272
- Email: sales@microvu.com

[www.microvu.com](http://www.microvu.com)
The Excel Multisensor Measuring Centers™ employ new technologies to provide high speed and accuracy on reliable and affordable measurement systems.

In addition to Vision capabilities, an Excel offers Touch Probe and Laser measurement capabilities. Touch Probe capabilities improve 3D measurement capabilities. Laser capabilities improve speed for scanning and Z height measurements.

With the multisensor capabilities, advanced digital and optical zoom, proprietary edge detection, and InSpec Metrology Software, the Excel Measuring Centers™ can handle demanding measurement applications. The gantry style system accommodates large parts and fixtures of multiple parts while maintaining a relatively small footprint. The Excel series of machines measures parts up to 2.5 meters long and up to 100kg in weight.

Large XY Stage and Z Capacities

42 or 18 Channel Lighting
- Profile (Backlighting)
- Surface (Ring Light)
- Axial (Through the Lens)

Programmable Optical Zoom
and 3x Digital Zoom

Stable Granite Base with Linear Bearing Design

USB Connection to Computer

InSpec Metrology Software Seamlessly Integrates Multisensor Measurements

INSPEC METROLOGY SOFTWARE
Powerful Yet Easy-to-Use
Adaptive Vision Tools
Point and Click Programming
Easy Tolerancing and Reporting

Instant Vision Tool Editing
Click-Drag Control Points and Boundaries

Results at a Glance
Intuitive Layout by Design

Stored Snapshots
Immediately Review and Edit Tools

Whisker Charts of Features
View Data Point Distribution

OS and Computer Flexibility
Compatibility by Design

CAD Import/Export
Automatic Tool Constructions

Optics, Lighting, and Stage Calibrations
Automated by Design