CNC Coordinate Measuring Machine
CRISTA-Apex V 500/700/900 Series

An innovative and advanced design ideally suited to your Smart Factory

New Generation CNC Coordinate Measuring Machine

CRISTA-Apex V 574
CRISTA-Apex V 776
CRISTA-Apex V 9106

Mitutoyo
CNC Coordinate Measuring Machine
CRYSTA-Apex V
500/700/900 Series

- Offers high accuracy (1.7 µm), high speed and acceleration and the flexibility to measure small- to medium-sized workpieces.
- Equipped with a temperature compensation system that guarantees the specified accuracy within the wide range of 16°C to 26°C under certain environmental conditions, although high-accuracy CMMs should normally be installed in a temperature controlled room.
- Supports Smart Factory with the following three applications that consolidate information management of the manufacturing process through a network.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Items</th>
<th>Model</th>
<th>CRYSTA-Apex V 544</th>
<th>CRYSTA-Apex V 574</th>
<th>CRYSTA-Apex V 776</th>
<th>CRYSTA-Apex V 7106</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>X axis</td>
<td>500 mm</td>
<td>700 mm</td>
<td>700 mm</td>
<td>1000 mm</td>
</tr>
<tr>
<td></td>
<td>Y axis</td>
<td>400 mm</td>
<td>700 mm</td>
<td>700 mm</td>
<td>1000 mm</td>
</tr>
<tr>
<td></td>
<td>Z axis</td>
<td>400 mm</td>
<td>600 mm</td>
<td>600 mm</td>
<td>600 mm/800 mm</td>
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</tbody>
</table>

CRYSTA-Apex V Series Accuracy

<table>
<thead>
<tr>
<th>Items</th>
<th>Model</th>
<th>CRYSTA-Apex V 9106 (Z600)/9108 (Z800)</th>
<th>CRYSTA-Apex V 9166 (Z600)/9168 (Z800)</th>
<th>CRYSTA-Apex V 9206 (Z600)/9208 (Z800)</th>
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</thead>
<tbody>
<tr>
<td>Measuring range</td>
<td>X axis</td>
<td>900 mm</td>
<td>1600 mm</td>
<td>2000 mm</td>
</tr>
<tr>
<td></td>
<td>Y axis</td>
<td>1000 mm</td>
<td>1600 mm</td>
<td>2000 mm</td>
</tr>
<tr>
<td></td>
<td>Z axis</td>
<td>600 mm/800 mm</td>
<td>600 mm/800 mm</td>
<td>600 mm/800 mm</td>
</tr>
</tbody>
</table>

Note: While the appearance of the natural stone measuring table varies according to the source, the high stability for which this material is known can always be relied upon.

Find additional product literature and our product catalogue
http://www.mitutoyo.co.jp/global.html

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