3D Surface Analysis Software
MCubeMap

Simple and efficient 3D surface analysis software

ISO 25178

Height parameters
- Sq: 3.35 μm
- Ssk: 0.0422
- Sku: 1.47 μm
- Sp: 5.10 μm
- Sv: 5.71 μm
- Sz: 10.8 μm
- Sa: 3.03 μm

Functional parameters
- Smr: 18.2 μm
- Smc: 4.54 μm
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FEATURES

- Clear imaging of analyzed data using diverse computer graphics technologies.
- Conforms to the most recent ISO 25178-2 3D surface texture parameter specifications, allowing parameter analysis such as height, functional, spatial, hybrid and volume etc.
- Graphical reports using measured results are easily created with customizable layout editing functions.

Measurement reports

Conforms to ISO 25178-2 3D surface texture parameter specifications

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sq</td>
<td>3.35 μm Root mean square height</td>
</tr>
<tr>
<td>Skt</td>
<td>0.0422 Kurtosis</td>
</tr>
<tr>
<td>Sp</td>
<td>5.10 μm Maximum peak height</td>
</tr>
<tr>
<td>Sv</td>
<td>5.71 μm Maximum pit height</td>
</tr>
<tr>
<td>Sz</td>
<td>10.8 μm Maximum height</td>
</tr>
<tr>
<td>Sa</td>
<td>3.03 μm Arithmetic mean height</td>
</tr>
</tbody>
</table>

Functional parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smr</td>
<td>10.2 % Areal material ratio</td>
</tr>
<tr>
<td>Smc</td>
<td>4.54 μm Inverse areal material ratio</td>
</tr>
</tbody>
</table>

Extensive data operations and analysis features

Levelling, fill-in non-measured point, form removal, BAC, peak distribution, lead (twist) analysis*, fractal analysis, hole/peak volume, texture direction, etc.

* Measuring machine specifications are to be confirmed separately

Measuring systems compatible with this software

CNC Surface Roughness Measuring System
CNC Surface Roughness/Contour Measuring Systems
CNC Surface Texture Measuring Instrument
Non-contact 3D Measuring System

SV-3000CNC
SV-C4500CNC
SV-M3000CNC
CS-5000CNC
CS-H5000CNC
Hyper QV WLI

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