Calibration Target Micro V1 with Resolution Test 1000LP

High resolution micro-imaging calibration

Optical calibration and resolution testing are critical metrics in understanding and optimizing any optical system.

**Calibration Target Micro V1** is unique in that it combines very useful resolution data, combined with ultra-high definition micro features, together enabling efficient and accurate optimization of any optical setup.

- Ultra-high definition micro features, compatible to the most demanding optical calibration requirements
- Four unique quadrants combining resolution targets to measurement scales
- Supplied in a dedicated padded storage case

**Technical Features**

<table>
<thead>
<tr>
<th>Structure</th>
<th>chrome on glass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimal structure size</td>
<td>0.5 µm</td>
</tr>
<tr>
<td>Maximal structure size</td>
<td>600 µm</td>
</tr>
<tr>
<td>Structure shapes</td>
<td>various shapes</td>
</tr>
<tr>
<td>Scale</td>
<td>in x- and y-direction</td>
</tr>
<tr>
<td>Dimension</td>
<td>76 x 26 x 4.5 mm</td>
</tr>
<tr>
<td>Weight</td>
<td>17 g</td>
</tr>
</tbody>
</table>

**Option**

045-200200-DKD10  Calibration Target Micro V1 with Resolution Test 1000LP incl. DKD Certificate

04/2020 - Specifications are subject to change without prior notice.
Calibration Target Micro V1 contains defined structures in different shapes and sizes for easy system calibration and distortion detection.

1. 10 lp/mm to 1000 lp/mm
2. Ø 20 µm dot matrix 40 x 40 dots, 100 µm grid
3. Contrast and Siemens structure
4. Ø 10 µm dot matrix 40 x 40 dots, 50 µm grid
5. Scale with steps down to 10 µm

Optional with DKD-Certificate

DKD Certificate contains the following parameters:

- Object / Manufacturer
- Serial number / Order number
- Date of calibration
- Calibration object
- Calibration method
- Calibration conditions
- Environmental conditions
- Uncertainty of calibration
- Calibration results
- Remarks