This is a beam profiler for large diameter and high power. Beam profile is addressable only by introducing laser into LaseView-LHB. Laser with low power (1 mW/cm² ~) is also available. LaserView is included as software and various analysis functions make LaseView-LHB useful.

Application

- Laser processing and laser microscope
- OCT
- Development for laser light source
- THz wave generation
- Evaluation for material property
- Education and training on laser

Composition

- Software
- Power adapter
- Laser beam receiving (including CCD camera)

Price and lead time

Price: USD 14,300 (Ex-works Japan) (without Tax)
Lead time: Around 1 - 1.5 months after order receipt

Operational conditions

- Windows Vista SP1
- Windows 7
- Windows 8, Windows 8.1
- Windows 10
Operation is not always guaranteed on PC with above Windows OS.

For further product information,

http://en.symphotony.com/pick-up-productsbeam-profiler-for-large-diameter-and-high-power/

Kokyo

Kokyo, Inc.
No.5 Hase Bldg. 2F, 637, Suiginyacho, Shimogyo-ku
kyoto-shi, Kyoto, 600-8411, Japan
Email : info@symphotony.com  TEL : 81-70-6582-2430
Analysis functions

- Line profile
- Integration profile
- Maximum intensity projection
- Point - point distance
- Peak integration

Specification

<table>
<thead>
<tr>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Measurement for acceptance surface</td>
<td>60 x 38 mm</td>
</tr>
<tr>
<td>Optics resolution power</td>
<td>100 µm</td>
</tr>
<tr>
<td>Measurement power density</td>
<td>0.1 ~ 100 W/cm² (detection is adjustable depending on exposure time)</td>
</tr>
<tr>
<td></td>
<td>(1 mW/cm² ~ is available by changing ND filter)</td>
</tr>
<tr>
<td>Total irradiation power</td>
<td>Maximum 10 W</td>
</tr>
<tr>
<td>Measurement wavelength range</td>
<td>400 ~ 1100 nm (Adjustment already made on 532 nm or 932)</td>
</tr>
</tbody>
</table>

Maximum 100 mm x 100 mm beam diameter is available. Infrared wavelength region is measurable by custom.

For further product information,

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