

## Beam profiler for large diameter and high power

### *LaseView-LHB*

- Maximum diameter : 50 mm x 50 mm
- Maximum input power : 100 W/cm<sup>2</sup>
- Including software and camera
- Beam diameter measurement, analysis functions and auto-range adjustment are available



Image/LaseView-LHB

### Composition

Software

Power adapter

Laser beam receiving

(including CCD camera)

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/cm<sup>2</sup>~) is also available. LaserView is included as software and various analysis functions make LaseView-LHB useful.

### 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/>

### Application

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

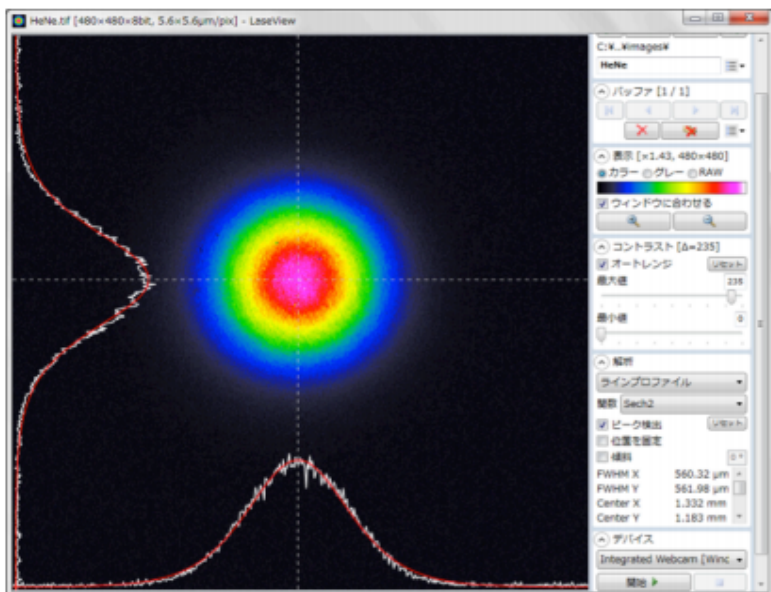
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## Analysis functions



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

## Specification

|                                    |  |
|------------------------------------|--|
| Measurement for acceptance surface | 60 x 38 mm   |
| Optics resolution power            | 100 μm   |
| Measurement power density          | 0.1 ~ 100 W/cm <sup>2</sup><br>(detection is adjustable depending on exposure time)<br><br>(1 mW/cm <sup>2</sup> ~ is available by changing ND filter) |
| Total irradiation power            | Maximum 10 W   |
| Measurement wavelength range       | 400 ~ 1100 nm<br>(Adjustment already made on 532 nm or 932)  |

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

For further product information,