

## 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)

### Price and lead time

Price: USD 14,800 (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,

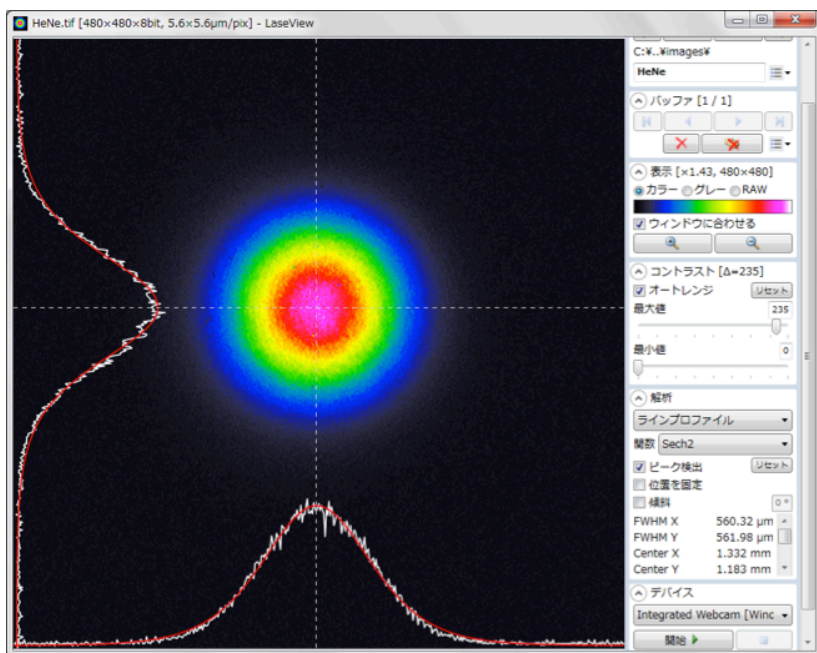
<http://en.symphotony.com/pick-upproductsbeam-profiler-for-large-diameter-andhigh-power/>

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. LaseView 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

## Analysis functions



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

	Specification
Measurement for acceptance surface	60 × 38 mm
Optics resolution power	100 μm
Measurement power density	0.1 ~ 100 W/cm <sup>2</sup> (detection is adjustable depending on exposure time) (1 mW/cm <sup>2</sup> ~ is available by changing ND filter)
Total irradiation power	Maximum 10 W
Measurement wavelength range	400 ~ 1100 nm (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 information,