Kokyo

Beam profiler for large diameter and high power

LaseView-LHB

・Maximum diameter　　: 50 mm x 50 mm

・Maximum input power : 100 W/cm2

・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/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

Analysis functions
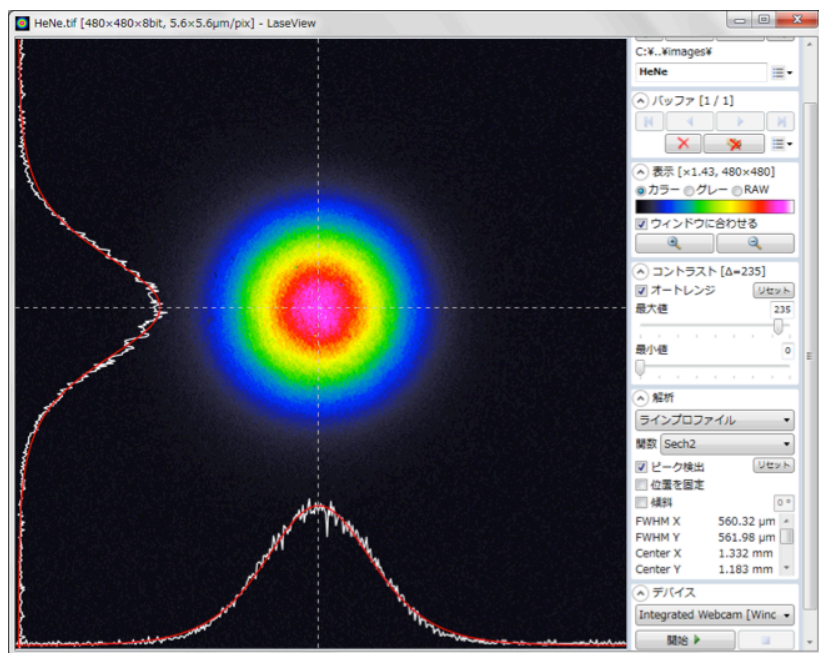
- Line profile

- Integration profile

- Maximum intensity projection

- Point - point distance

- Peak integration

	Specification
Measurement for acceptance surface	50 × 50 mm
Optics resolution	100 μ m
Measurement power density	0.1 ～ 100 W/cm2 （detection is adjustable depending on exposure time） （1 mW/cm2 ～ 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 measureable by custom.

For further information,