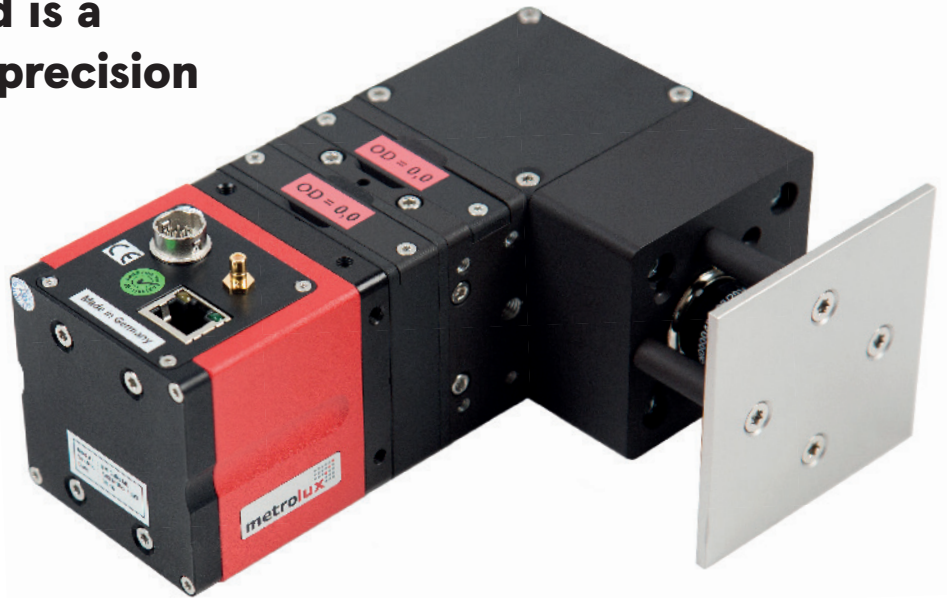


focuslux

standard

The focuslux standard is a beam profiler for high-precision analysis of focussed laser light. ”



Focus monitor

The state-of-the-art system is hugely versatile, and is designed for industrial use.

The extraordinary properties make the focus monitor the number one product in the world for laser quality control in the display industry.

You'll benefit from:

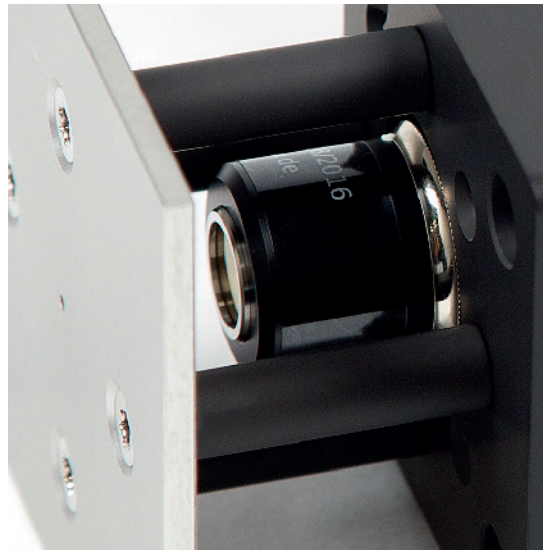
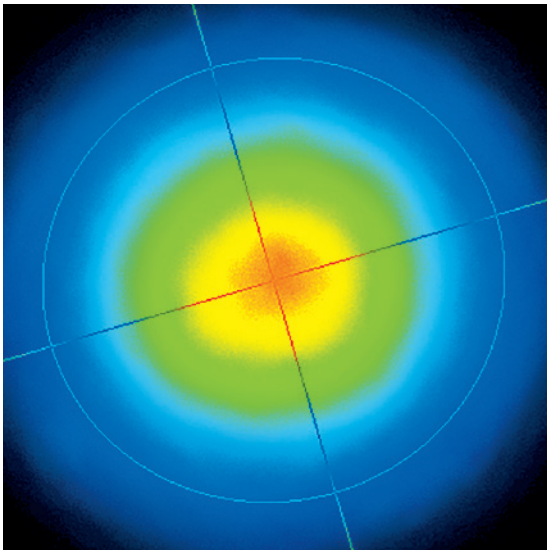
- + Proven and mature technology
- + Constant quality control and high-precision real-time evaluation
- + Versatile use in industrial environment
- + Integration into automated production processes
- + Robust and compact design

Design & technology

- The comprehensive Beamlux beam profile analysis software allows high-precision real-time evaluation of all conceivable beam parameters, precisely tailored to your needs
- High-power attenuator and two filter inserts for flexible attenuation of the laser power
- Quick system integration due to the steel face plate on the working plane
- Software is controlled remotely with customer-specific front ends

Use

- Display industry, semiconductor industry, automotive industry
- Power range of the laser: Up to 100W
- Available for all common Excimer laser wavelengths
- Available for all common YAG laser wavelengths
- UV wavelengths also possible
- LWIR wavelengths also possible (for wavelength ranges from 9 300 – 9 600 nm for focus measurements from CO₂ lasers)



Dimensions and interfaces

Digital interface	GigE Vision V. 1.0
Digital output*	12 bit
Maximum frame rate*	15 fps
Synchronisation*	External trigger (5 V TTL) or free-running
Dimensions*	163 mm × 127 mm × 70 mm (L × W × H)
Weight	1.5 kg
Power supply*	PoE or 12 to 24 VDC
Conformity	CE, RoHS, REACH

Applications: Focus measurements, line focus measurements

Laser power	up to 100 W
Wavelengths	248 – 1100 nm or 9 300 – 9 600 nm
Magnification	5x, 10x or 20x
Spot size*	13 – 1500 µm (at 5x magnification) 6.5 – 500 µm (at 10x magnification) 3 – 250 µm (at 20x magnification)

* depending on the model