CCD Beam Profiler (for extreme ultraviolet (EUV), ultraviolet light (UV)) metrolux

CCD Camera Based Laser Beam Profiler for EUV, UV

■ Product Overview This

UV laser beam profiler has a proven track record in industrial applications, and can be used for excimer lasers for processing laser materials in the semiconductor and display industries, and for the 3rd, 4th, and 5th harmonics of Nd: YAG lasers.

The basic system of the product consists of a camera based on a detector for UV and advanced Beamlux II software. Depending on the active area, it is possible to measure beam diameters from 10um to 100mm.

■ Features

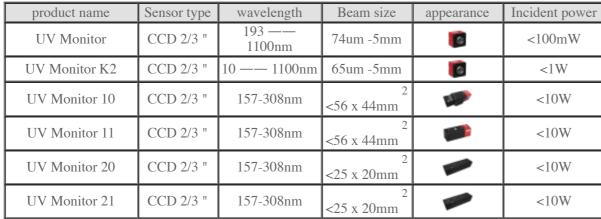
- Optics Resonator adjustment time reduction
- · User-friendly machining monitoring support
- Online analysis, automatic documentation
- · Reliable connection, data transfer to database
- Beamlux for beam profile analysis compliant with EN-ISO standards Extendable to II software-

Single pulse resolution for synchronous operation-High homogeneity and long-term reliability for manufacturing process

same laser beam profiler with UV, UV, VIS and NIR wavelength range, 1um-100mm The intensity distribution of a laser beam with a beam diameter can be measured and analyzed based on EN ISO standards. Various software are suitable for analyzing beam spots and beam positions, and the characteristics of homogeneous laser beams. With optional accessories, pulsed laser synchronous operation and single pulse measurement are possible.

The detector head is optimized by special surface precision of mechanical parts and AR coating of optics to minimize stray light.

■ Product lineup



Accessories: Rail, 4.5m cable, PCI card, SW / driver CD

Accessories Options: PCMCIA, Express card, Trigger cable, Attenuator for high power,

ML8010 motor controller, ML1630 Laser synchronization device

Measurement type: Beam size, divergence angle, Near-field, far-field, beam stability, power, caustic, uniformity

HOME







Hanamura Optics Co., Ltd.

^{*} The actual spectrum range depends on the converter used.

^{*} Click here for Metrolux website . http://www.metrolux.de/en