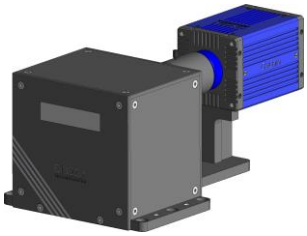
UV-NIR LASER BEAM PROFILER



CinCam Application
Laser Line Characterization
- CinLine -

The CinLine tool is a compact and unique tool to measure beam profiles of cw and pulsed laser systems from UV to NIR spectral range. This system includes a special designed diffusion screen and the camera-based CinCam CCD/CMOS beam profiler with imaging optic.

The sophisticated screen architecture enables speckle-free beam profiling especially of laser lines, rectangle profiles or laser with large beam diameter. Several versions are available to open up new opportunities in laser characterization. The compact measurement system is designed to be used in industry, science, research and development.

- Speckle-free diffusion screen
- Confirm to ISO standard
- Pre-assembled and compact measurement system
- Accurate and reliable measurements
- Compatible with cw and pulsed laser systems
- Measurement data as printable protocol

Spectral response:	320nm – 1150nm
Beam Profiler:	CinCam CMOS / CCD
Input Power (max):	500mW
Input Intensity (max):	10W/cm²
Resolution:	Up to 17µm
Interface:	FireWire / USB / GigE

The CinLine system is available with its specifically designed beam profiling software RayCi, which utilizes unique analytical capabilities and incomparable visualization modes. This ensures the highest accuracy in beam profile analysis.

I. Option

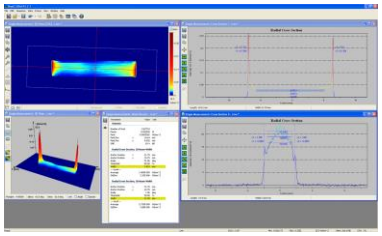
Active Area: 30mm x 30mm
Beam Diameter (max): 20mm x 20mm

II. Option

Active Area: 40mm x 20mm
Beam Diameter (max): 27mm x 13mm

III. Option

Active Area: 60mm x 15mm
Beam Diameter (max): 40mm x 10mm



CINOGY's experienced team provides CinLine systems tailored to customer's requirements.

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