

Parallel Light Sheet Optics



- Single integrated unit
- Simple adjustment of light sheet thickness (0.5mm)
- Light sheet orientation adjustable through 180 Degrees
- Multiple light sheet thickness ranges
- Unit mounts on articulated mirror arm or directly on the optical head of Nd:YAG Lasers.

Applications:

Illumination of measurement areas where maximum light sheet intensity and uniformity is required, e.g. confined flows in pipes or conduits.



SPECIFICATIONS

- Width of parallel light sheet: two models, 50 or 100mm
- Maximum pulse energy: 200mJ
- Input Beam diameter: up to 5mm (larger diameters on request)
- Light sheet thickness: adjustable, min. 0.5mm
- Focussing range: 300mm to 3000mm (other ranges on request)
- Laser adapter mounts available for all commercial PIV Lasers
- General-purpose rail-mounted support supplied to fix the light sheet optics in position (when interfaced to the mirror arm)
- Adapter piece for mirror arm supplied

ILA warranty: 2 years

Note: the 50mm parallel light sheet optics can be fitted on a standard ILA light sheet generator.

