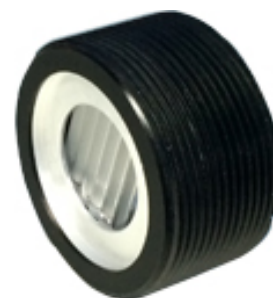


PIV Laser Light Sheet

Particle image velocimetry

Form a light sheet for planar particle image velocimetry and flow visualization. Adjustable working distance and a choice of fan angles let the optics be configured around the test section, incident beam and required sheet thickness.



Light-sheet optics

Parameter	Listed capability
Operating distance	100–30000 mm; continuously adjustable
Minimum sheet thickness	0.5 mm; confirm at the selected working distance and input beam
Fan / divergence angle	20°, 30°, 60° or custom
Construction	Compact optical assembly

What to specify

- Working distance, illuminated field height and desired sheet thickness at the test section.
- Laser wavelength, input beam diameter, divergence and CW power or pulse energy.
- Optical access, mounting, coating and damage-threshold requirements.

Request a configuration

Send your laser, camera and measurement requirements to info@precisometer.com.

www.precisometer.com/lasers/accessories/piv-light-sheet

Overview capabilities reviewed 19 October 2026. Final specifications depend on the selected configuration.