

MetroLaser SchlierenScope

Ultrahigh Speed Analog Focusing Schlieren



The MetroLaser SchlierenScope 10M is an ultrahigh speed analog focusing schlieren system. It can record high-speed schlieren events with frame rates up to 5 Mfps (at full resolution) and exposure time down to 10 ns. The system not only features all the benefits from a focusing schlieren system, but it is also a pre-aligning system, which makes the system much easier to setup. Furthermore, the projection feature makes it more robust under vibration environment.

Specifications

Working Distance	2 to 3 m
Field of View	15 to 22 cm
Full Resolution	400 x 250
Frame Rate	Up to 10 MHz
Exposure Time	10 ns

Features

- ❖ Easy to use and pre-alignment
- ❖ High sensitivity
- ❖ Large field of view
- ❖ Low aberration
- ❖ Ultrahigh recording speed
- ❖ Short exposure time
- ❖ Wide working distance range
- ❖ Vibration resistance

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