



## Perseus™

# The world's only practical sub-picosecond optical streak camera

Temporal Resolution at 800nm (fs)	100-200 In the center 30% of sweep 100-350 in the center 80% of sweep
Sweep Windows (ps)	105, 200, 500
Sweep Windows (ns)	1, 2, 5, 10, 20, 50, 100
Sweep Jitter for Sweep Windows (100ps / 100ns) (ps) RMS	<15 / <100
Usable Cathode (mm)	7-8
Spatial Resolution (lp/mm)	20 in the center 80%
Dynamic Range for Sweep Windows (100ps/10-100ns)	>800:1 / >10,000:1
Operating Wavelengths (nm)	225-825

## Features

- Master Trigger System
- Indexed Multiple Slit Slider
- >13,000:1 high gain MCP
- MCP directly coupled to low noise CMOS sensor
- 45 Megapixel Global Shutter CMOS Sensor
- High resolution, low loss, mirror based slit to photo cathode imaging system