



Cronus™

Worlds largest cathode less than 2ps all purpose optical streak camera

Temporal Resolution at 800nm (fs)	0.8-1.2 In the center 30% of sweep 0.8-1.5 in the center 80% of sweep
Sweep Windows (ps)	100, 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)	12
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 CMOS sensor
- 45 Megapixel Global Shutter CMOS Sensor
- High resolution, low loss, mirror based slit to photo cathode imaging system