

## 600-820 nm PHAZZLER™

### FEMTOSECOND LASER PULSE MEASUREMENT SYSTEM

- **Includes FROG, SPIDER, AUTOCORRELATOR**
- **Includes UWR-580-820/T2 Dazzler system**
- **In-line geometry**
- **Simple optical alignment**

- Wavelength range 600 nm to 820 nm\*
- Pulse length range

Pulse length measurement range	From 30 fsec Up to 2 psec
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- Pulse complexity (Time Bandwidth Product): up to 10
- Autocorrelation and FROG Iterative measurement method  
Requires multiple shots (64)
- SPIDER Direct method, real time
- Maximum operation repetition rate up to 25 KHz
- Acquisition repetition rate 200 Hz
- Minimum required input energy 10 microJoules
- Maximum input energy per pulse 30 microJoules
- Optical power limit 100 MW/cm<sup>2</sup>
- Input polarization Horizontal
- Maximum input diameter in mm 2.5

\*:wavelengths outside this range are poorly or not diffracted by the Dazzler