

DUAL MODE FEMTOSECOND PULSE SHAPING AND PULSE MEASUREMENT SYSTEM

- **Includes FROG, SPIDER, AUTOCORRELATOR**
- **In-line geometry**
- **Simple optical alignment**
- **Includes Dazzler pulse shaper model HR-800**

Refer to the HR-800 Dazzler specifications
for the pulse shaping capabilities of this Phazzler

▶ Wavelength range	750 nm to 850 nm*
▶ Pulse length measurement range	20 fsec to 1.5 psec
▶ Autocorrelation and FROG	Iterative measurement method Requires multiple shots
▶ SPIDER	Direct method, real time
▶ Maximum operation repetition rate	up to 25 KHz
▶ Acquisition repetition rate	200 Hz
▶ Minimum required input power	from 1 microJoule to 10 microJoules
▶ Input polarization	Horizontal
▶ Maximum input diameter in mm	2.5

*: These values correspond to the central wavelength of a transform limited pulse