



# PHAZZLER™ PH-S-1000-1100 Specifications

## *1000-1100nm Single Shot PHAZZLER FEMTOSECOND PULSE MEASUREMENT SYSTEM*

- **Includes :**
  - **FROG**
  - **Single Shot SPIDER**
  - **AUTOCORRELATOR**
- **In-line geometry**
- **Simple optical alignment**

▶ Wavelength range	1000 nm to 1100 nm*
▶ Pulse length range	100 fsec to 1.5 psec
▶ Spectral resolution	0.6 nm
▶ Maximum operation repetition rate	up to 25 KHz
▶ Acquisition repetition rate	200 Hz
▶ Single shot capability	Yes in SPIDER mode
▶ Minimum required input power	From 1 microJoule to 10 microJoules
▶ Input polarization	Horizontal
▶ Maximum input diameter in mm	2.5

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\*: These values correspond to the central wavelength of a transform limited pulse  
The wavelength range can be adapted to match another range