



FROZZER - idler

Scanning FROG

Specifications

LARGE TIME-BANDWIDTH-PRODUCT PULSES
CHARACTERIZATION DEVICE

- ✓ Designed for pulses with central wavelengths from 2.2 to 4 μm
- ✓ Ultra long, high resolution scanning range
- ✓ Compatible with pulses up to 9 μm with additional optics kit and spectrometer

• Wavelength range (band edges)	1800nm – 4500nm	
• Pulse duration range for Transform Limited Pulses	Min: 30fs	Max : 300fs
• Maximum Time Bandwidth Product	150	15
• Scanning range	± 30 ps	
• Temporal resolution	150 as	
• Input energy range	0.1 to 10 μJ	
• Input beam diameter	up to 6 mm	
• Input polarization	Linear, vertical	
• Optical module dimensions	243 x 174 x 81 mm ³	

✓ Measurement of 46fs pulse at 3 μm

