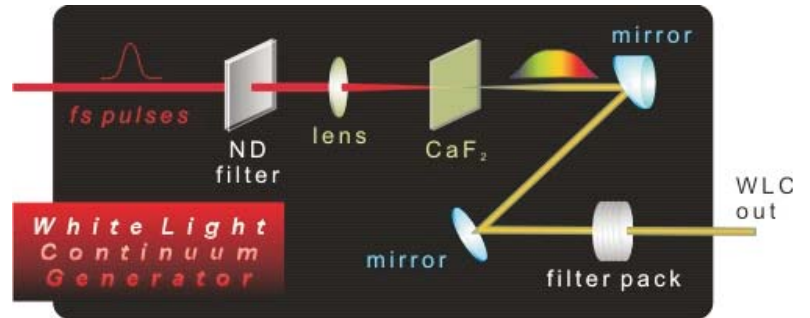
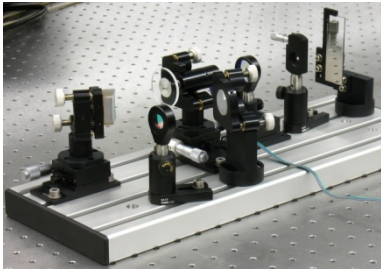


Femtosecond White-Light Continuum Generators for NIR (Datasheet)



Ultra broadband white-light spectrum	NIR extended continuum generation
Features	
Low cost	Minimum pulse chirp

Model 1000, 2000 and 2500 series of femtosecond white-light generators are modular solutions with high-grade optical components, optimized for high-efficient super continuum generation from infrared femtosecond laser pulses.

TECHNICAL SPECIFICATIONS			
Model	Model1000	Model2000	Model2500
Laser Type:	Amplifier		
Laser requirements:	2000...2600 nm < 150 fs, >150uJ		
Nonlinear media:	Sapphire	CaF ₂	
Output parameters (at 2000nm, 150 fs pump)			
Spectral range (typical):	NIR1 (1100-2000 nm)	NIR2 (1000-2000nm)	NIR3 (1100-2500)
Spatial Beam Profile	Near TEM ₀₀		

Imaging:	200mm to +inf (adjustable)
Pump suppression	>99.8%
Environment	Compatible with standard working environment operating temperature range: 25 +1/-3 °C, temperature stability: +/- 2 degree (for 30 min measurement interval, RH <70%, non-condensing
Power supply:	standard single-phase electrical distribution network voltage of 230 V/ 50 Hz.

Includes complete set of power and connecting cables for operation of the equipment in a laboratory environment.