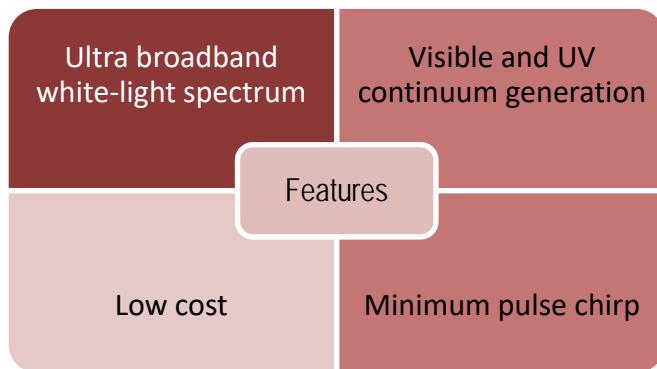
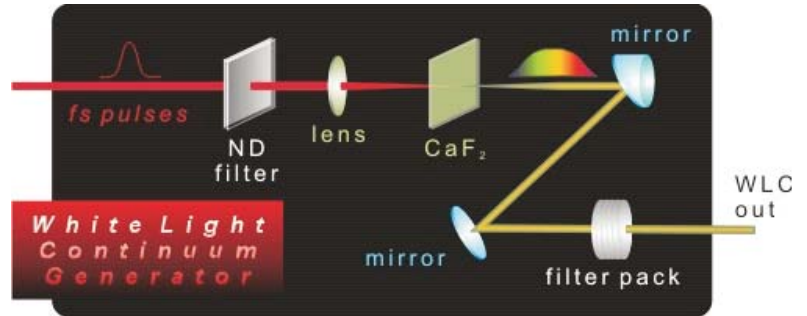
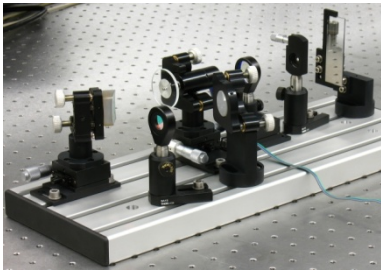


## Femtosecond White-Light Continuum Generators for UV-VIS (Datasheet)



WLS, WLC and WLG-PCF series of femtosecond white-light generator kits are sets of high-grade optical components, optimized for high-efficient super continuum generation from infrared femtosecond laser pulses.

TECHNICAL SPECIFICATIONS				
Model	WLS2	WLC3	WLC4	WLG-PCF
Laser Type:	Amplifier			Oscillator
Laser requirements:	750 - 1100 nm < 150 fs, >150uJ			750-900 nm, <200 fs, >150mW
Nonlinear media:	Sapphire		CaF <sub>2</sub>	PCF
Output parameters (at 1040nm, 150 fs pump)				
Spectral range (typical):	VIS - NIR (450-1200 nm)	UV - NIR (350-1000nm)	Deep VIS - NIR (280-380; 380-1000)	VIS - NIR (500-1200nm)
Spatial Beam	Near TEM <sub>00</sub>			

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Profile		
Imaging:	200mm to +inf (adjustable)	500mm to +inf (adjustable)
Pump suppression	>99.8%	Not applied
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	
<b>Power supply:</b>	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.