

# SuperK GAUSS

*Tunable, Gaussian spectral output for OCT and White Light Interferometry*

- Ultra wide bandwidth Gaussian spectral output
- Very high output power
- Two band output
- Tunable centre wavelength for each band
- Manual shutters for port control
- Effortless Plug'n'Play design
- SuperK FD fiber delivery



The SuperK GAUSS is a tunable Gaussian spectral filter that transforms the broadband output of a SuperK super-continuum laser to a Gaussian output with a wide bandwidth (depending on the center wavelength).

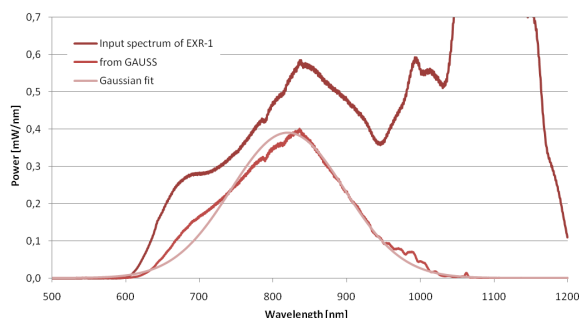
Two Gaussian shaped spectra with different center wavelengths (e.g. 800nm and 1300nm) can be used simultaneously but independent from each other due to its unique design.

The SuperK GAUSS is especially suited for Optical Coherence Tomography (OCT) and White Light Interferometric (WLI) applications, where the Gaussian output(s) provides clean artifact-free images with high resolution

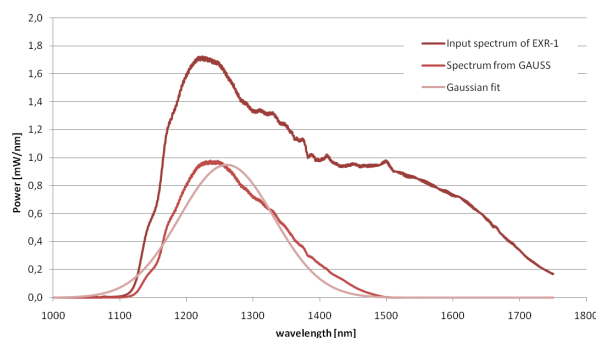
## SuperK GAUSS Specifications

Wavelength Split Point	1050 nm
Fiber Output type	Collimated or FC-APC
Spectral width*	170-200nm
Output Power*	70-700mW
Tuning range	650-850 nm and 1200-1400 nm

\* Dependent on center wavelength and SuperK EXTREME source



Example of output from the SuperK GAUSS used with the SuperK EXTREME EXR-1. 800 nm wavelength range.



Example of output from the SuperK GAUSS used with the SuperK EXTREME EXR-1. 1300 nm wavelength range.

Specifications are subject to change without notice. Jan 2011  
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