

PRODUCT ANNOUNCEMENT

EXALOS releases NEW SLED-based Broadband Sources with bandwidth capabilities up to 300 nm for medical imaging, fiber optic sensor and instrumentation applications

Schlieren, Switzerland, July 8, 2008. EXALOS has extended its Superluminescent Light Emitting Diode (SLEDs) product line with SLED-based Broadband Sources. These new customizable touch screen Broadband Sources can cover the 750nm to 950nm wavelength band or the 1200 to 1600nm wavelength band. SLEDs are semiconductor light sources that combine the spatial coherence of a laser diode with the temporal incoherence of an LED.

The new Broadband Sources are especially suited for fiber optic sensor, medical imaging and instrumentation applications thanks to their high output power and extremely wide bandwidth.

The ultra-broadband turn-key instruments are ideal for Optical Coherence Tomography applications that want to achieve ultra-high resolution or for high-channel count Fiber Bragg Grating-based sensor systems. Both of these new sources operate with a user friendly touch screen and include a USB2 interface. The EBS4000-0000 can incorporate up to 4 different SLEDs to meet specific customer requirements. The EBS8000-0000 can incorporate up to 8 different SLEDs to meet specific customer requirements (available as single or multiple port optical outputs).

For more information about our SLEDs please visit our website at www.exalos.com or email us at sales@exalos.com. You can also contact our North American office at +1 215 752 2115 and our Headquarters at +41 43 444 60 90.

ABOUT EXALOS

EXALOS AG, an ISO 9001:2000 certified company, is developing and selling SLEDs to the medical imaging, fiber optic gyroscope, test equipment and sensor industries. The Company has its headquarters in Schlieren located in the Greater Zurich Area in Switzerland.

EXALOS has established strategic alliances with technological- and cost leadership partners, with the goal to provide customers with the optimum balance of price, time to market, performance, and size for any given specification. This approach gives EXALOS the flexibility to develop devices as solutions tailored for particular customers and markets.

EXALOS SLEDs currently target specific applications in four major markets:

- Optical coherence tomography for medical applications such as cornea and retina diagnostics
- Fiber optic gyroscopes for applications such as avionics, aerospace and navigation
- Optical channel monitors, chromatic and polarization mode dispersion, and passive components characterization in test equipment for telecom and datacom systems
- Fiber optic sensors for civil structure monitoring such as bridges and oil pipelines as well as temperature, pressure, and electrical current measurements

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