

NEWS RELEASE

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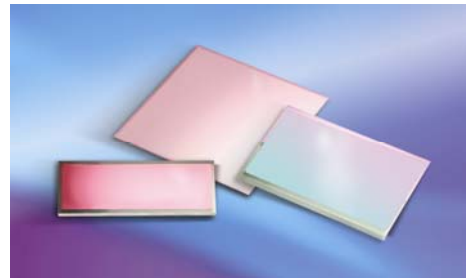
For Immediate Release

Deposition Sciences' Highly Durable LWIR Bandpass Filters

- Longwave IR optical filters maintain band edge placement with great precision.

March 2, 2010 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI), manufacturer of highly durable thin film optical coatings, provides long wavelength infrared (LWIR) bandpass filters with superior operation at any temperature between ambient and 10 degrees K. The thin film coatings are manufactured via DSI's proprietary physical vapor deposition with the ion-assist process, making them highly durable and robust and feature extremely precise band edge placement for critical sensing applications.

DSI's LWIR bandpass filters are ideal for use in imaging sensor filters, order-sorting filters, thermal and/or night vision tasks, and FLIR optics. A variety of substrates, such as germanium, silicon, zinc sulfide, zinc selenide, quartz, sapphire, and polymers are available for these longwave infrared filters, depending on the customer's wavelength requirements. Multispectral filters can also be provided when multiple filters are needed on a single substrate. Various sizes, from a few millimeters to over 2 inches diameter can be provided. Cryogenic operating temperature transmittance measurements, down to 10K, can be made in-house and customized to filter specifications. Out-of-band transmittance can be designed to OD 6 or greater and measured to OD4 from 2,000 nm to 50,000 nm, and to OD 5 from 500 nm to 2,000 nm.



The DSI engineering staff is available to develop custom optical filters for specific requirements or for extremely demanding applications. For more information about the highly durable longwave IR filters, please visit: www.depsci.com.

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Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – www.depsci.com - For over 20 years, Deposition Sciences has produced the most durable optical thin film filter coatings in the industry. DSI's coating capability ranges from the ultraviolet (UV), through the visible and includes near-infrared (NIR), midwave-infrared (MWIR) and out to the longwave-infrared (LWIR). At the heart of these capabilities is DSI's patented MicroDyn reactive sputtering technology enabling superior multilayer thin film coatings for optics, MEMS and other thin film technologies. For multispectral filters, DSI's physical vapor deposition technology is used when multiple filters are required on a single substrate.