

# NEWS RELEASE

**Deposition Sciences, Inc. (DSI)**  
3300 Coffey Lane  
Santa Rosa, CA 95403  
Contact: Bob Crase, Program Manager  
Phone: 707-573-6785  
Fax: 707-573-6748  
E-mail: Solutions@depisci.com  
Web Site: www.depisci.com

**Media Contact: Marlene Moore**  
Smith Miller Moore, Inc.  
Phone: 818-708-1704  
Email: marlene@smm-ads.com

*For Immediate Release*

## **DSI Introduces Two New HeatBuster® Hot Mirror Products**

**March 15, 2007 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI)**, manufacturer of highly durable thin film optical coatings and specialized coating deposition services announces two new additions to their advanced **HeatBuster®** hot mirror product line. Innovative **HeatBuster Xenon** and **HeatBuster UV Xenon** hot mirror filters are designed to work with xenon lamps and feature enhanced blocking in the spectral band between 800 nm and 950 nm where the heat output from the lamp is the greatest.



Developed to withstand heat efficiently and offer ultra high durability, both HeatBuster hot mirror filters have high transmission in the visible spectrum. HeatBuster Xenon also blocks the ultraviolet portion of the spectrum while HeatBuster UV Xenon transmits the UV portion of the spectrum down to 340 nm.

HeatBuster Xenon is ideal for use at the exit of a xenon lamp to protect downstream components from the heat and UV from the lamp. HeatBuster Xenon can also be used as a filter for a CMOS chip. Blocking the 'noise' of the ultraviolet and near-IR, HeatBuster UV Xenon is useful in many UV curing systems and biofluorescence applications. The filter blocks the infrared heat of the source and allows the fluorescence and curing wavelengths of the spectrum to pass through.

DSI's proprietary **MicroDyn®** sputtering technology is used to produce the high performance HeatBuster Xenon and HeatBuster UV Xenon filters. These coatings are extremely stable over temperature and humidity changes, meeting the severe abrasion, adhesion, humidity, and salt fog tests of Mil-C-675 standards.

# # #

**Deposition Sciences, Inc. (DSI) – Santa Rosa, CA – [www.depisci.com](http://www.depisci.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.

