

# NEWS RELEASE

---

**Deposition Sciences, Inc. (DSI)**

3300 Coffey Lane

Santa Rosa, CA 95403

Contact: Bob Crase,

Assistant Director of Commercial Manufacturing

Phone: 707-573-6785

Fax: 707-573-6748

Email: [Solutions@depsci.com](mailto:Solutions@depsci.com)

Web Site: [www.depsci.com](http://www.depsci.com)

**Media Contact: Marlene Moore**

Smith Miller Moore Inc

Phone: 818-708-1704

Email: [marlene@smm-ads.com](mailto:marlene@smm-ads.com)

*For Immediate Release*

## **Deposition Sciences Offers Highly Durable, Uniform AR Coatings on Ball Lenses**

- DSI's deposition process permits multilayer, dual and broadband, AR coatings.

**January 14, 2010 – Santa Rosa, CA – Deposition Sciences, Inc. (DSI),**

manufacturer of highly durable thin film optical coatings, offers highly durable, evenly-coated antireflection ball lenses in diameters from 200 microns up to 10.0 mm. DSI's

**IsoSphere® AR Coated Ball Lenses** are created

using the company's proprietary **IsoDyn™** low pressure chemical vapor deposition (LPCVD) process, which provides an ultra-uniform coating over the entire surface of the sphere.



DSI's multilayer coating capability provides dual and broad band AR coatings (e.g. 1310/1550 dual band). The dual band coatings allow one lens to be used for either wavelength, reducing the need for lens inventories. The IsoSphere AR coated ball lenses reduce device assembly costs because there is no need for orientation of the lens in a device since the coating is uniform over all. A wide choice of lens materials, with indices from 1.44 to 2.15 (at 1550 nm), also helps minimize costs while permitting maximum freedom in the optical design.

Featuring hard, scratch resistant coatings (passes 20 eraser rubs), DSI's AR ball lenses are bondable by a wide variety of methods making them ideal for use in new or existing optical designs. They offer an affordable and a mechanically-simple optical solution for coupling and collimating applications, e.g. the output of an optical fiber or laser diode. They are also ideal for fiber-to-fiber, diode-to-fiber, and fiber-to-detector coupling when access to the beam is required. For more information, please visit: [www.depsci.com](http://www.depsci.com).

# # #

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