

Follow Photronics Media on Facebook and Twitter



Novel Bonding Technology Improves Optical Assemblies

Activated covalent bonding overcomes the optical performance and laser damage limitations of traditional adhesive techniques and also can be used with mid-IR components.

[Read Article >>](#)



Optical Coatings Take a Leap Forward

A novel crystalline coating technique that produces low-loss mirrors could help accelerate progress in the development of lasers for precision measurement applications.

[Read Article >>](#)



sponsored content

What's New? Our Coating Expansion

Optimax's new state-of-the-art, 4,000 sq. ft. [optical coating facility](#) houses eight optical coating chambers, three environmental testing chambers and metrology equipment for DUV through IR.

Topics include:

- Coatings for wavelengths from 193nm to 6000nm
- World class high laser damage threshold coatings for CW and pulsed applications
- Shift free, durable coatings
- Sizes up to 500mm
- The ability to deterministically correct [coating uniformity](#) on fast surfaces
- Coating stress tuning for improved wavefront control

Read this white paper to learn more about [Specifying, Applying and Measuring Thin Film Coating](#)

Faster Mold Coating Tests Make Glass Processing More Efficient

Bypassing the time-consuming wear stages of heating and cooling allows quick testing of mold coating lifetimes while increasing efficiency for precision glass molding.

[Read Article >>](#)



Optimax Completes Coating Facility Expansion

The third and final phase of a \$10 million, 4000-sq-ft expansion of Optimax System Inc.'s optical coating facility is now complete, providing space for more than 50 additional employees.

[Read Article >>](#)



High Laser-Induced-Damage Threshold Optics

What you need to know about laser damage before you buy laser optics - and what questions you need to ask your vendor.

[Read Article >>](#)



Unsubscribe: <http://www.photonics.com/Newsletter/EmailUnsubscribe.aspx>

Questions: pr@photonics.com

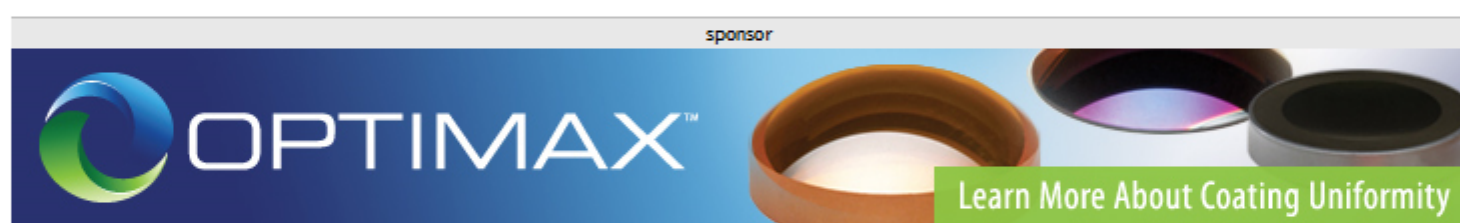
[Subscribe](#) | [Manage Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)



Follow Photronics Media on Facebook and Twitter



© 1996-2010 Laurin Publishing. All rights reserved. Photronics.Com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.



Follow Photronics Media on Facebook and Twitter



Novel Bonding Technology Improves Optical Assemblies

Activated covalent bonding overcomes the optical performance and laser damage limitations of traditional adhesive techniques and also can be used with mid-IR components.

[Read Article >>](#)



Optical Coatings Take a Leap Forward

A novel crystalline coating technique that produces low-loss mirrors could help accelerate progress in the development of lasers for precision measurement applications.

[Read Article >>](#)



sponsored content

What's New? Our Coating Expansion

Optimax's new state-of-the-art, 4,000 sq. ft. [optical coating facility](#) houses eight optical coating chambers, three environmental testing chambers and metrology equipment for DUV through IR.

Topics include:

- Coatings for wavelengths from 193nm to 6000nm
- Sizes up to 500mm
- World class high laser damage threshold coatings for CW and pulsed applications
- The ability to deterministically correct [coating uniformity](#) on fast surfaces
- Shift free, durable coatings
- Coating stress tuning for improved wavefront control

Read this white paper to learn more about [Specifying, Applying and Measuring Thin Film Coating](#)

Faster Mold Coating Tests Make Glass Processing More Efficient

Bypassing the time-consuming wear stages of heating and cooling allows quick testing of mold coating lifetimes while increasing efficiency for precision glass molding.

[Read Article >>](#)



Optimax Completes Coating Facility Expansion

The third and final phase of a \$10 million, 4000-sq-ft expansion of Optimax System Inc.'s optical coating facility is now complete, providing space for more than 50 additional employees.

[Read Article >>](#)



High Laser-Induced-Damage Threshold Optics

What you need to know about laser damage before you buy laser optics - and what questions you need to ask your vendor.

[Read Article >>](#)



Follow Photronics Media on Facebook and Twitter



© 1996-2010 Laurin Publishing. All rights reserved. Photronics.Com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.

