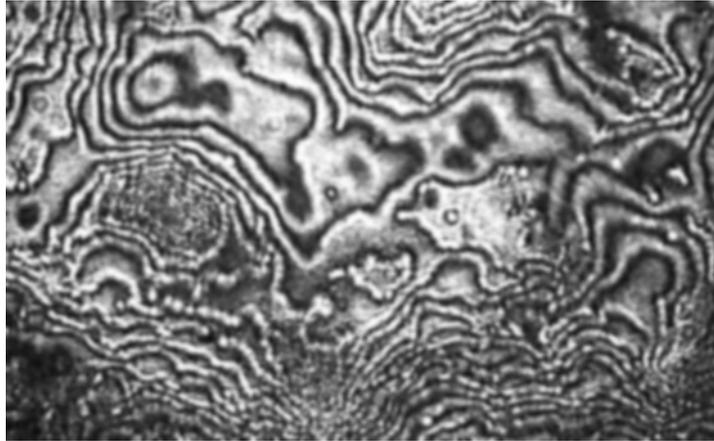


Wellesley, MA, March 1, 2007

Press Release



Lexitek Ships 100th Phase Plate

Novel Optics Manufacturing for Adaptive Optics Testing Marks a Milestone

Lexitek, Inc. announced that it recently shipped its 100th phase plate made using its Near-Index-Match™ technology to Lockheed Martin Corporation. These phase plates offer affordable, precise optics and are used in a variety of applications including accurately simulating atmospheric turbulence, thermal distortions, or aero-optical effects that require adaptive optics correction.

The innovative phase plates are fabricated by CNC machining optical plastic and casting a second polymer material against it. They offer a wide range of optical path differences (OPDs) from 0.2 – 50 microns for visible thru near-IR (400-1600 nm) light with OPD accuracies to 0.02 microns rms. Together with Lexitek's motorized rotary stages and controllers, they offer a turnkey solution for rigorously simulating propagation and imaging with static or dynamic aberrations.

“Since 2004, we have supplied numerous systems to aerospace companies, research institutions, and observatories working with adaptive optics,” said Steven Ebstein, president of Lexitek, Inc. “Two strengths of the Near-Index-Match™ approach are its low cost and the ability to implement new designs quickly by generating a custom CNC program. Three quarters of the parts we ship are unique designs. We look forward to addressing new markets where precision phase plates have application.”

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