

Press Release

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University of Houston purchases Nanonex Advanced Nanoimprint Tool NX-2000

Princeton NJ, April 15, 2014:

Nanonex Corporation, the inventor and world's leading provider in nanoimprint lithography solutions with the longest history, announces the purchase of Nanonex's NX-2000 system from University of Houston. Nanonex is proud to support the state-of-the-art research at University of Houston's Nanofabrication Facility.

The Nanonex NX-2000 is a full wafer nanoimprinter. It features all imprint forms: thermal, photo-curable, and embossing, with sub-5 nm imprinting resolution. Based on the Nanonex unique patented Air Cushion Press™ technology, the NX-2000 offers unsurpassed uniformity regardless of backside topology, wafer or mask flatness, or backside contamination. This ACP technology also eliminates lateral shifting between the mask and substrate, which significantly increases mask lifetime. The small thermal mass design allows fast thermal cycling, resulting in a fast process cycle.

The NX-2000 will address the challenge of time-consuming patterning process faced by researchers at Nanofabrication Facility of University of Houston. It can cut the nanopatterning time from hours – and even weeks – to mere minutes. With

the Air Cushion Press™ technology and full-wafer thermal and UV nanoimprint capabilities, the NX-2000 will bring the versatility and flexibility to various research projects, and become the essential piece for nanostructure processing at the Nanofabrication Facility.

About Nanonex Corporation

Nanonex is the inventor of NIL, the world's first nanoimprint lithography company, and the world's leading provider of nanoimprint solutions that include equipment, masks, resists and processes. Nanonex's patented and proprietary NIL solutions and Air-Cushion Press™ can manufacture 3D nanostructures with sub-5 nm resolution, large-area uniformity, accurate overlay alignment, high throughput, and low cost. Nanonex NIL solutions have been adopted by a broad spectrum of applications, such as optical devices, data storage, displays, light emitting diodes, semiconductor ICs, biotech, chemical synthesis, and advanced materials. Nanonex has over 100 customers and an installed base of over 50 tools world-wide. Visit www.nanonex.com for additional information.

About Nanofabrication Facility at University of Houston

The Nanofabrication Facility has been available to researchers across the University of Houston since 2011, no matter their department or college. The facility also welcomes businesses and researchers from outside UH, allowing the area's entire nanotechnology community to come under one roof to share ideas and expertise.