

# Nanofabrication System Allows Immediate Characterization



Combining nanopatterning capabilities with AFM (atomic force microscopy) imaging, the DPN 5000 desktop nanofabrication system from NanoInk enables immediate characterization of the deposited patterns. Features include a scanner with closed-loop flexure technology and a low-coherence laser with a reduced laser spot size for lateral force imaging. In addition, InkCAD 4.0 lithography software includes improved control of tip-based patterning, along with nanoscale mapping and positioning of multiple features even when created from different materials. The system comes with a full range of MEMS-based ink delivery tools include single probes, 1D passive probe arrays, individually actuated active pen arrays, 2D probe arrays with up to 55,000 pens (2D nano PrintArray), Inkwells for coating tips, and substrates to be written upon.

NanoInk  
847-745-3619, [www.nanoink.net](http://www.nanoink.net) [1]

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**Links:**

[1] <http://www.nanoink.net/>