

## **FOR IMMEDIATE RELEASE**

### **DMetrix's "80 Microscopes in One Instrument" technology selected by *The Wall Street Journal* for innovation**

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From: DMetrix, Inc., (520) 722 9510

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[DMetrix](#), Inc., a digital-microscopy leader based in Tucson, Arizona, has been selected by *The Wall Street Journal* as one of 32 winners and runners-up in the Journal's international 2005 Technology Innovation Awards competition. *The Wall Street Journal* and its judges made their selections from around 750 applications from two dozen countries.

The Awards recognize technologies in categories that include medical devices, software, Internet, and semiconductors, among others. Selections criteria include breakthrough from conventional ideas and significant improvement on existing technologies.

DMetrix's technology has been recognized previously for innovation by the University of Arizona and has received a 2005 R&D100 Award.

**Michael R. Descour, PhD**, President of DMetrix, notes that the array microscope is a major breakthrough in light-microscope design: "The array form is an unprecedented departure from the form of light microscope as it has been known since its invention over 400 years ago." The most immediate impact of this imaging technology is expected to be in medical pathology.

"The array microscope will change the practice of pathology. Its images, called 'virtual slides,' enable pathology laboratories to go fully digital, following the lead of radiology a decade ago," says **Ronald S. Weinstein, MD**, head of the University of Arizona Department of Pathology and DMetrix's Medical Director. "The pathology image files are loaded onto a server and may be viewed over the Internet from any laboratory in the United States. This provides, for the first time, immediate on-line access to expert second opinions."

The [DX-40 Array Microscope](#) is the world's first digital-imaging device that combines 80 miniature microscope objectives in a single instrument. A principal distinguishing feature of the DX-40 Array Microscope is its speed. Thanks to its array of miniature optics, the DX-40 captures a 900 Megapixel image in less than 60 seconds, over ten times faster than other existing methods. Despite that unprecedented power, all the microscope optics fit into a volume equivalent to a stack of four U.S. quarter-dollar coins.

DMetrix is a privately held company. DMetrix's first product to market is the all-purpose laboratory-grade DX-40 array microscope slide scanner featuring the user-friendly oneclick scanning® technology and slipstream® automation technology.

DMetrix is the exclusive developer of array-microscope technology, and its products are covered by US Patents and other patents pending in the U.S. and abroad.

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