

## FOR IMMEDIATE RELEASE

### PIXIS-XF Camera Now Available with 4 Million Pixel Resolution



**Trenton, NJ, January 12, 2009** – Princeton Instruments (PI), announces the addition of PIXIS-XF: 2048 camera to its popular line of cameras in its X-ray Group. This high-performance camera offers four million pixel resolution, operates at 100 kHz and 2 MHz and supports PI's unique phosphor replacement design to optimize the camera for different X-ray energies. The fully integrated PIXIS-XF: 2048 camera is designed for the most demanding X-ray applications, including Micro-computer Tomography, Streak Tube Readout as well as industrial and medical imaging.

The new PIXIS-XF camera measures 4.5 inches in diameter (115.0 mm) x 7.8" (200 mm), yet weighs only 5.5 pounds. The compact single-head design supports full triggering and shutter control capabilities and an easy-to-use USB 2.0 interface. It is also available with a fiber optic communication kit for long distance operation, up to 1000 meters. PI's versatile WinView software supports powerful data acquisition capabilities, as well as a macro-record feature for automating complex experiments. Supported under LabView, the PIXIS-XF provides a full suite of ready-to-use VI modules for full integration with other instruments.

Manjul Shah, X-ray Group Business Manager states, "The new fiber-optic design boasts an unrivaled package complete with ultra-low noise electronics, deep thermoelectric cooling capabilities and Linux OS support. Never before has a single camera come complete with so many high-end capabilities."

#### **About Princeton Instruments**

Princeton Instruments designs and manufactures high-performance CCD, ICCD, and EMCCD cameras; spectrographs; and optics-based solutions for the scientific research, industrial imaging, and OEM communities. We take pride in partnering with our customers to solve their most challenging problems in unique, innovative ways. For more information on Princeton Instruments products, please visit [www.princetoninstruments.com](http://www.princetoninstruments.com).

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