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Aurora... The Next Step In SPM Technology

Scanning Near-Field Optical Microscopy, SNOM, is the latest advance in the evolution of Scanning Probe Microscopy. And Aurora™ from TopoMetrix, is the first production SNOM system available to researchers.

SNOM is the SPM technique that breaks the diffraction barrier to spatial resolution. It expands SPM's nanometer-scale imaging

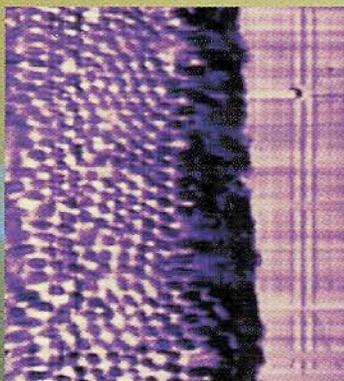
capability by adding an optical probe which yields information that complements data from other SPM techniques. It combines all the advantages of optical microscopy, including contrast mechanisms and spectroscopic methods, with the high resolution of SPM. Resolution that's better than the best conventional or confocal microscope by an order-of-magnitude or more.

Aurora is the newest member of TopoMetrix' TMX 2000 family of SPMs. It features proven piezoelectric scanners, optics, control electronics and software.

Aurora lets you collect data in either reflection or transmission mode while you are simultaneously gathering topographic data.

New applications for Aurora are being uncovered every day. Besides being the natural extension to every existing optical-microscopy application, it can be used for optical lithography, high-density data storage, polarization imaging of magneto optics and polymers, and to characterize light-wave devices like semiconductor lasers and single-mode optical fibers. And that's just the beginning.

To learn more about Aurora, call us today at 1-800-765-5067. We'll get product literature and sample images on their way to you right away.



SNOM image (above) and topographic image (right) of eye tissue were acquired simultaneously by Aurora.



 **TOPOMETRIX**
VISUALIZING THE MICRO WORLD

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