



## News from...

**Nanotech-America/NT-MDT**

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### **NanoEducator: Classroom portal to real Nanotech measurements**

What looks like a Big Mac, sits on a desktop, and introduces students to the world of nanotech and surface properties? It's NanoEducator, the newest AFM from NT-MDT (Zelenograd, Russia).

Specially priced for the university classroom, NanoEducator is a fully functional AFM with built-in video viewing system and 3D software. It can image and measure using

- topography, including roughness and wear,
- phase and force imaging, and
- scanning tunneling microscopy for electrical and chemical studies.

Also does nanomanipulation and nanolithography (imagine the excitement of a student, "writing" at the atomic level!) and has an optional liquid cell for biological studies.

Atomic force microscopy is the new tool for investigating surface properties in biology (cells, viruses, and bacteria), materials science (metals, semiconductors, composites, and polymers), data storage, and MEMS. NanoEducator will find a happy home in biology departments as well as chemistry, physics, and the new nanotech labs which are springing up all over the country.

Images of both the instrument and its applications are available for download at [www.nt-america.com/editorpage](http://www.nt-america.com/editorpage). Animations of all the techniques available through NT-MDT can be found at [www.nt-america.com](http://www.nt-america.com).

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Nanotech-America is the sole US distributor for the family of scanning probe microscopes and accessories available through NT-MDT (Zelenograd, Russia). Located in the North Dallas Metroplex (Allen, TX), it provides sales, marketing, and technical support for the entire US.

NT-MDT manufactures a full line of scanning probe microscopes, starting with the portable, table-top SMENA and extending through the most advanced, integrated nanolabs and Raman confocal/afm systems.