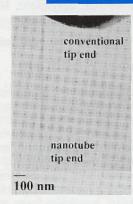
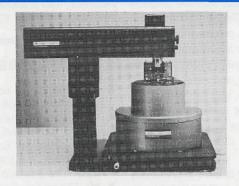
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Carbon Nanotube Tips for SPM: ProbeMAXTM carbon nanotube tips from PIEZOMAX Technologies. Inc. provide high-aspect ratio combined with resolution of better than 30 nm for the highest quality scanning probe microscopy results. Tip length is at least 300 nm, with lengths up to 2 microns possible. The absence of both tip wear and sample damage makes ProbeMAXTM well-suited for imaging a wide variety of samples ranging from patterned wafers to biological specimens. ProbeMAXTM tips are mounted on commercial cantilevers used in intermittent-contact mode SPM. They directly replace most common SPM tips currently in use. Each tip is individually quality-inspected. TEM micrographs may be requested to characterize exact tip geometry. Quantity discounts available. PIEZOMAX Technologies, Inc., 505 S. Rosa Rd., Madison, WI 53719. Tel 608-238-4850, Fax 608-238-5120, Web www.piezomax.com.



ThermoMicroscopes Adds Scanning Capacitance, Force Modulation, and Phase Imaging in Third Generation AutoProbe CP Research Scanning Probe Microscope

New system maintains its industry leading imaging performance and combines all imaging modes in a single scanning head to provide the capability, flexibility and convenience required by researchers and analytical laboratories.

ThermoMicroscopes has introduced the new AutoProbe® CP Research, the latest member of this well-known family of research grade scanning probe microscopes. The new microscope integrates more imaging modes in a single instrument than any other commercially available system to provide the flexibility and convenience required by research and analytical laboratories that routinely study a wide range of materials The AutoProbe CP Research adds the advanced capabilities of scanning

capacitance, force modulation and phase imaging to a full selection of conventional imaging modes — contact, intermittent-contact and non-contact atomic force, magnetic force, lateral force and scanning tunneling. For convenience and flexibility, all imaging modes are available without changing the microscope's scanning head. Best of all, the CP Research offers all this flexibility and convenience without sacrificing any of its industry leading imaging performance — routinely achieving atomic level resolution.

The AutoProbe CP Research's user-friendly design includes a new ergonomic laser alignment system and increased range in the photodector positioning system, promising significant gains in throughput and productivity. Enhancements in the electrical and mechanical performance of the cartridge, and a doubling of the signal processing bandwidth ensure fast high quality images in all modes.

The refined design of the AutoProbe CP Research reflects its heritage as the third generation in this respected line, while its advanced capabilities secure its position at the cutting edge of SPM technology.

For further information, contact:

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