



PACIFIC NANOTECHNOLOGY

advancing nanotechnology

Pacific Nanotechnology, Inc. provides products and services that facilitate advances in nanotechnology and nanoscience.

Pacific Nanotechnology's atomic force microscope (AFM) products are optimized for research development and process control applications when visualization and measurement of nanometer sized surface structure is critical.

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Innovative
Easy To Use
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Nano-DST™ Advanced Research AFM

Nano-R2™ AFM Workhorse

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Nano-DST™

The Ultimate AFM Research Platform

Light Lever AFM Scanner

- Direct View of Probe/Sample
- 80 µm XY Flexure Scanner (100 µm, 200 µm optional)
- XYZ Calibration Sensors
- < 1% XZ, YZ, and XY Crosstalk

Rapid Scanner

- 250 Hz Scan Rate
- 2 micron XY Range
- Atomic Corrugations

DST Electronic Controller

- 24 Bit Scanner Control
- Dual XYZ Control
- High Stability Phase/Amplitude Control
- Flexible Design

SPM Cockpit™ Software

- Xpert™ Mode for Advanced Users
- EZMode™ for New Users
- NanoRules™ Image Analysis Software

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Nano-R2™ AFM

- High Performance
- Easy to Use
- Versatile
- Proven

The Pacific Nanotechnology Nano-R2™ AFM is now used in hundreds of labs throughout the world. It is the only AFM that is versatile enough for educating students as well as for high demand research projects.

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Introduction to Atomic Force Microscopy
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Paul E. West, Ph.D.

200+ Page Textbook