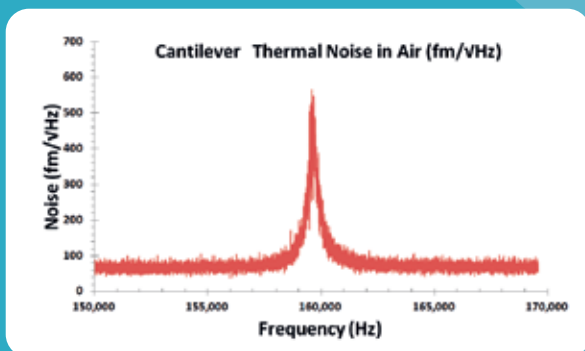


微型原子力显微镜

应用于学术研究培训和质量控制

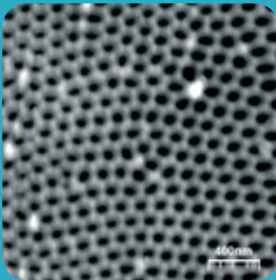
性能优越的创新技术
可在一小时内搭建完成



Thermal Noise



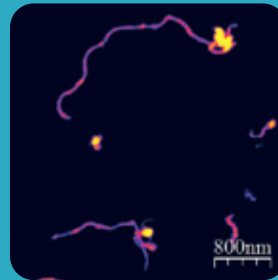
原子力显微镜



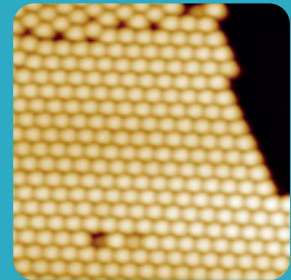
Anodic Aluminum Oxide¹



Organic Single Crystal²



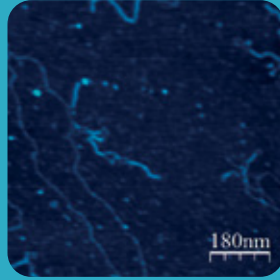
Multi-walled Carbon Nanotubes



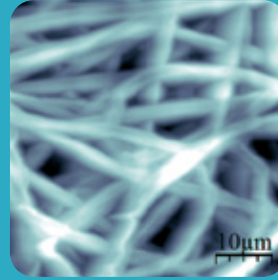
Polystyrene Spheres on Si



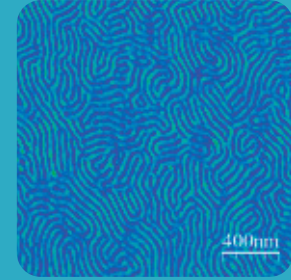
Red Blood Cells



DNA



Polycaprolactone Fibers³



PS-b-PMMA Phase Image⁴

技术规格

可商业化的悬臂式自由分列

扫描范围：120x120x40 μm 或 40x40x4 μm

接触式，动态相位成像和MFM模式

65 fm Hz的噪声基底

2 μm 分辨率集成光学显微镜

全真高清摄像机，视场390x230，像素1920x1080，30fps

24位ADC/DAC

FPGA/DSP数字反馈

永久免费软件升级

无限制用户使用权限

USB和WIFI接口

样品尺寸：10x10x5mm（可配置无限尺寸的样品）

可拓展成像

划痕光刻

ezSTM

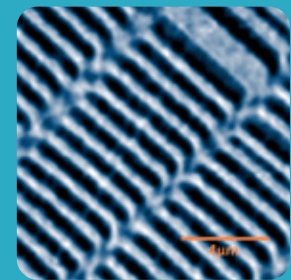
液体细胞

附件

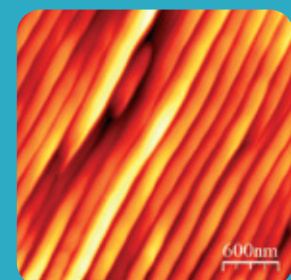
信号接入模块

38mm冲程XY电动样品定位器

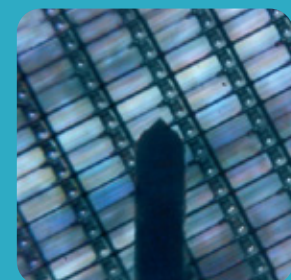
2mm冲程XY手动样品定位器



MFM Image of HDD



Nanostructured Substrate⁵



Video Microscope Image of Cantilever

(1) Sample courtesy of Dr. Fatih Buyukserin, TOBB University (2) Sample courtesy of Dr. Yasuo Nakayama, Chiba University (3) Sample courtesy of Dr. Aylin Sendemir, Ege University (4) Sample courtesy of Dr. Serdar Onses, Erciyes University (5) Sample courtesy of Dr. Francesco Buatier, Genova University

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