Maypa Technological Innovations B.V.

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Easy Nano Access: AFM SPM atomScope®

MAYPA

Maypa Technological Innovations develops and manufactures high performance nano-microscopy and optical position sensing equipment.

Maypa offers a personalized service and produces standard, tailor made, and fully customized products.

Maypa is world leader in High-Speed and Low-Noise optical position sensing technology aided to probe the nano-environment, and has a track record of being an innovator for products based on a solid foundation of advancing technologies.

DEEP NANO INTERACTION

Based on our philosophy that efficient instrumentation is a careful mix of technology, utilization, and economical aspects we have developed the atomScope®.

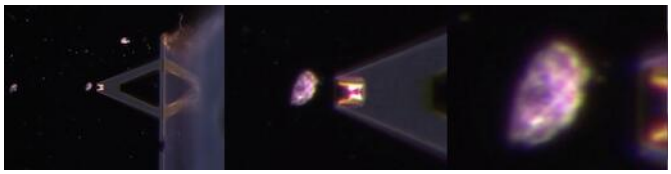
At the basis the atomScope is a cost efficient research grade Atomic Force Microscope that is supercharged with a 30 MHz optical position detector together with a supreme user friendly utilization.

The high speed low noise detector allows a significantly deeper investigation of the tip sample interface than any other AFM today, inspiring academia, pharmacy and life-science pioneers to investigate the nanoscopic environment at a whole new deeper interaction level.

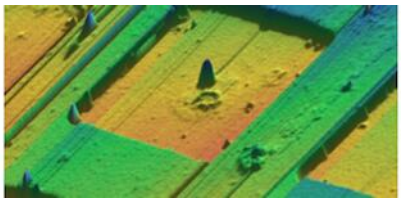
To aid molecular, and particularly medical related science in its progress, atomScope has a royalty free open hard and software interface allowing anyone to freely explore, develop, and utilize novelties that the deeper interaction technology forwards.

ATOMSCOPE FEATURES

- Small Portable AFM
- 30 MHz High Speed Low Noise Detector.
- 30 x 30 x 7um scanner with atomic resolution.
- Integrated Optical Microscope.



- 500nm optical resolution.
- Darkfield, EPI Illumination.
- Open Hardware Interface.
- Open C# software Interface.
- 3D Parameterized Curve Scanning (Programmable).
- Optimum economic efficiency.



Microscopy from the Netherlands

Maypatech and Atomscope technology is designed, developed and manufactured in the Netherlands.

Our facility is located in Baarle-Nassau, Brabant, where we have an in house 2,500 sq ft laboratory dedicated to prototyping and custom product design.