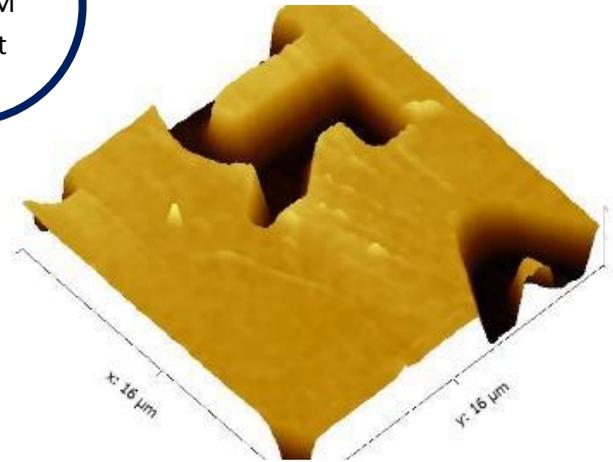




- Improve your study
- Show your potential
- No more paper without AFM images

Best price in
the AFM
market

Quartz Touch AFM uses quartz sensor technology to provide ease of use and high sensitivity at the same time. Quartz sensor technology used to detect the atomic forces instead of the common cantilevers. Do to its high Q-factor its much more sensitive than its competitors. Futher more quartz sensor does not require laser beam hence there is no laser adjustment during operation. In fact *Quartz Touch AFM* does not require any manuel or software controlled adjustment. It is fully automated.



Highlights

- **Low Cost**

Due to the innovative technology used, *Quartz Touch AFM* has the lowest price in the AFM market. The price includes the built-in X-Y stage and the vibration isolation.

- **Portable**

Its rugged design allows you to carry the *Quartz Touch AFM* with you in your handbag.

- **No Setup**

No extra effort is required to set up the unit. Just place it on a stable table, plug its USB cable to your laptop and you are set to go, that's all.

- **No Training**

Use of *Quartz Touch AFM* does not require any special training or expertise. You can start getting images only in a few steps. Get tens of images everyday and enrich your study.

- **Easy Sensor Replacement**

Quartz Touch AFM does not use cantilevers. Instead, *Quartz Touch AFM* uses a sensor, based on piezoelectric quartz technology. Replacement of this sensor needs no adjustment and it is as easy as replacing a memory stick.

Specifications

X-Y scan range	16µmX16µm
Z range	4.095µm
X-Y resolution	3.9nm
Z resolution	1nm
Sample size	20mmX20mmX10mm
X-Y stage	Included
Scanning mode	Non-contact Dynamic
PC connection	USB
Force sensor type	Quartz Crystal (QTF)
Optical microscope	Included
Vibration isolation	Included
Max scan area	16µmX16µm
Min scan area	1µmX1µm

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