The Wayback Machine - http://web.archive.org/web/20130927025131/http://www.geocities.com/spm_stm/Qu...

Since I created this site I have been receiving many questions, these are some of the more common and useful ones and my answers.

Questions:

How do I make Platinum Iridium STM tips?

What are some easy samples to image with the STM?

I know that you have used an oscilloscope to plot z+y versus X. I don't understand this graph. How can you decipher what is happening in the topography of the sample by looking at this graph?

The integrator in my feedback loop is not working properly. It stays at it's saturation voltage no matter how the output of the error amplifier is. Will the microscope work if you take this out from the loop and just amplify the output?

Previous Home Next

Home Simple STM Project Home Project Overview Progress Mechanical Design

Disk Scanner Description How to Make a Disk Scanner Mechanical Approach Mechanism

Mechanical Bill of Materials Electronics Design Electronics Schematics

Electronics Bill of Materials Operating the STM Images

Questions and Answers