2000x Microscope

Posted by wickededge - 30 Jun 2012 08:28

The new scope came in Wednesday and I'd hoped to kick off this category with some great hi-res pics, but then was out sick on Thursday and wrapped up in meetings on Friday so I didn't get a really good chance to play with it. I also still need to get a NIST traceable micro-ruler to calibrate it. If anyone knows of one for under $1200, I'd love to hear about it. Even without calibration though, I should be able to start posting some of the pics. At first glance, it looks pretty exciting. I can see the tiniest of scratches from our micro-abrasives really clearly, so with some luck and work, we should be able to learn a whole lot about all the stones and strops.

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Re: 2000x Microscope

Posted by wickededge - 02 Oct 2012 16:17

Lagrangian,

As always, I love reading your posts and hearing your perspective. I think I can ask CoorsTek directly about what they're using. As for me, I'm grateful to everyone that occasionally hits me over the head and says "hey dummy, somebody already thought of that and there's a well defined method in place!" I'll continue to keep looking and hopefully will adopt some of the wisdom of your approach and I will, of course share.

My blog also shrinks the images but maybe I can stash them on Dropbox or a similar service and link the posts to the full sized images.

--Clay

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Re: 2000x Microscope

Posted by PhilipPasteur - 02 Oct 2012 18:24

AnthonyYan wrote:

Hi Clay,

Wow, that last image is amazing! More please. 🙂

btw, I think the forums are re-sizing your images, so the measurements/annotations you made to the image are too small to really see or read. Is there a way for you to show us those images without so much resizing? Maybe post them to your blog and then link that?

Sincerely,

--Lagrangian

Hey Anthony,

Just a data point, I am seeing the notation perfectly here. I am linking a small capture of the corner of one of Clay's images. If this is what you can't see...

I wonder if it is your browser or a setting that you are using?

Phil

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Re: 2000x Microscope
Posted by ApexGS - 02 Oct 2012 18:38

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If anyone is having difficulty viewing the images, maybe due to scaling being weird or cutting off the image, you can try grabbing the raw image by clicking and dragging it onto the address bar/tab list. Forum software likes to scale stuff pretty aggressively to save server resources, so even the raw image posted through the forum itself will be scaled down to whatever the built in size limit is.

They look fine on my end using Chrome and a 1920x1200 display, just as another reference point.

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Re: 2000x Microscope
Posted by AnthonyYan - 02 Oct 2012 18:55

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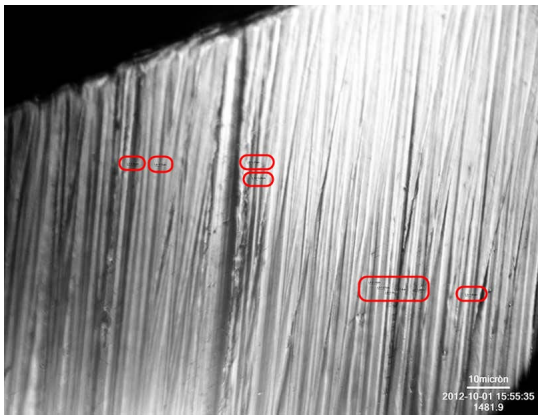
In one of Clay's images, he has very very tiny annotations. I can barely see them, and they are unreadable to me. I took Clay's image and marked where I see the annotations in red.

Clay's original image is here .

This is the same image with the areas of interest marked in red:



I was hoping to read what these were. Are you guys able to read these? I'm using Internet Explorer 9 in Windows 7.

Sincerely,

--Lagrangian

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Re: 2000x Microscope
Posted by PhilipPasteur - 02 Oct 2012 19:07

Heck no I can't read them...

I did not even see them before you circled them in red...

Would have never known that they were notations...

Phil

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Re: 2000x Microscope
Posted by ApexGS - 02 Oct 2012 19:20

I didn't notice those either, good catch! With the full resolution images they'll be legible I'm sure.

Hopefully Clay will work out a quick and easy hosting solution!

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