Veho 400x

Posted by edhead35 - 08 Dec 2011 17:44

On your Veho Microscopes, where are your hardstops? Mine are at 360 when rotating the knob cw looking into the light and 60 when turning ccw when looking into the light. seems funky to me. Also when i measure distance, its not even close. .010" when it should be .125"

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Re: Veho 400x

Posted by jendeindustries - 02 Mar 2012 19:38

Joyal - Nice photos!

I personally go for the lighting in that last picture. It gives you the most honest reflection of the surface without all the blue and red noise as the first picture has. Looks like you still have some work to do

I've found that getting that light is very difficult on grits coarser than 3.5-4 microns or 4K-5K. As you see your edges more under the scope, you will begin to see a consistency that lets you know if you're ready to move on.

Since a few of us have the Veho 400, we all have the same frame of reference, which will help everyone.

I also host my images at photobucket. It's easier to post a link this way.

Dennis - I think the Veho works with a Mac. I looked at the specs on the Veho website and got this:

VMS-004 USB Microscope is supplied with Windows and Mac drivers. For software for side-loading CD drives just visit the download centre

It also said 20x or 400x magnification so there is no continuous zoom claim.

Here is a link www.veho-uk.com/main/shop_detail.aspx?ar...40&mode=overview

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Re: Veho 400x

Posted by DennisHibar - 02 Mar 2012 20:05

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jendeindustries wrote:

Dennis - I think the Veho works with a Mac. I looked at the specs on the Veho website and got this:

VMS-004 USB Microscope is supplied with Windows and Mac drivers. For software for side-loading CD drives just visit the download centre

Well, yes and no. Most all of the USB microscope brands will "work" with the Mac .... to varing degrees. Unfortunately, it's the software that is supplied which is the fly in the ointment. In many cases, control of the microscope via the supplied software is either limited or just doesn't work ... instead, the microscope must either be controlled as if it were a web cam via Mac's own imaging software or by using the on-microscope controls. This seems to be especially true if you are using one of the newer Mac operating systems 10.6 and newer. As a Mac user, I long ago learned that you have to take what companies say (with respect to Mac compatibility) with a grain of salt. That's why I am hoping to find someone actually using a low cost USB Microscope on a Mac with great results. Only one I have found, so far, is the Carson Zorb .... but it is only a 35x device.

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Re: Veho 400x

Posted by PhilipPasteur - 04 Mar 2012 14:04

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jendeindustries wrote:

I place the base of the Veho scope on the WEPS clamp and put the scope right on the bevel. That gives you a stable platform and a consistent area for the shot.

Getting the ligting can be a little tricky - I like when the light is directly on top causing the image to self correct, giving it that black and white look. This only happens on mirror finishes, though. Everything else is a bunch of reds and blues. Play with the different angles, and give the camera/computer screen image a couple of seconds to adjust.

I guess that I am not getting this. There is no place on the clamp that is flat eneough to stabilize that base of the VEHO. I have been messing with it handheld, but getting the consistency that Tom does had eluded me to this point. I am thinking that perhaps putting some velcro on the base of the clamp and bottom of the VEHO base might allow it to be stabile enough to get the angle and lighting to where I

need it.. and so it will stay long enough to actually snap the shot.

The other issue I have is that it is very difficult to get the camera set so that I don't get lense flare which washes out the image badly.

Are people using external lighting to supliment the leds on the VEHO.

Clay, it looks like you have some kind of a stand for the VEHO in a couple of the videos that you have done... or is tha my imagination. If you do, what do you use?

Phil

BTW this is the video I was referring to:

www.wickededgeusa.com/index.php?option=c...id=77&video_id=1

Right in the beginning.

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Re: Veho 400x

Posted by JoyalTaylor - 04 Mar 2012 18:43

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Phil,

With the scope still attached to the base, turn the whole thing 90 degrees and place the bottom of the scope base "vertically more or less" against the angled part (black part) of the vise clamp on one side and hold it there with one hand. I use my right hand with the palm on the right side of the vise clamp, and my fingers are wrapped around it and onto the base of the scope. Then I can use my left hand to line up and focus the scope against the knife - that is in the vise.

I may try to velco the scope base and vise like that and see how it works. It may allow both hands free to do the focusing, etc. I'll report back if it works.

I, too, haven't figured out the best lighting yet. Still experimenting.

In that video you linked to, it's Clay Allison not Matt, but I think you knew that.

Joyal

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Re: Veho 400x

Posted by PhilipPasteur - 04 Mar 2012 18:56

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Yeah,

I did know it was Clay (after a bit of reflection, I realized that).

They say the memory is the second thing to go.

The only concern I have abvout velcro.. Haven't yet tried it, is that it introduces too much slop in the system.. (technical term...HUH ??) At 400X slight movements become critical, as do angles and lighting.

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Phil

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