

# Re: Scope Quality Question

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*Source:* <http://sci.tech--archive.net/Archive/sci.techniques.microscopy/2005-04/msg00123.html>

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- *From:* "Kevin Cunningham" <[smskjd@xxxxxxxxxxxxxxxx](mailto:smskjd@xxxxxxxxxxxxxxxx)>
  - *Date:* Sun, 24 Apr 2005 13:44:12 GMT
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"Charles" <[ckraft@xxxxxxxxxxxxxxxx](mailto:ckraft@xxxxxxxxxxxxxxxx)> wrote in message  
[news:re5m61tqtrl3dea1nru0ge8k1ahbi0td08@xxxxxxxxxxx](mailto:news:re5m61tqtrl3dea1nru0ge8k1ahbi0td08@xxxxxxxxxxx)  
> On Sat, 23 Apr 2005 07:42:30 GMT, "GTO" <[gregor\\_o@xxxxxxxxxxxxxxxx](mailto:gregor_o@xxxxxxxxxxxxxxxx)>  
> wrote:  
>  
>>That's about the age of my old PZO scope. Then my assumption might be  
>>pretty  
>>accurate that your Swift is similar to my PZO in mechanical quality. Does  
>>it  
>>have a monocular (one eye) tubus with Achromat lenses  
>>(4x,10x,40x,100x/oil),  
>>a condenser and a simple illuminator with a frosted glass?  
>>  
>>If it's 25 years old, I do not think that it was made in China. Kevin?  
>>  
>>Gregor  
>>  
>  
> Mine says series 950.  
> (probably a 952B)  
>  
> Monocular  
>  
> 4X 0.15  
> 10X 0.25  
> 40X 0.65 (microplan)  
>  
> eyepiece W10X 15.5MM  
> frosted illuminator  
>  
> On the illuminator it says made in Japan.  
>  
> IIRC I asked at the time I ordered it for upgraded optics and paid  
> extra.  
>  
> all dry, no oil.  
>  
> I'm mostly curious how much I would see better with a better

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- > instrument. Maybe none. My most sever problem is not knowing what I
- > am looking at. Pond bugs and algae, mostly. I recently tried to
- > identify goldfish/koi parasites, but I don't know what they look like
- > except from reading about them in a book.
- >
- > I have a low power binocular instrument I got from Cole-Parmer, their
- > brand, made in China. It seems good to me.
- >
- >
- > ---
- > Charles
- >
- > Does not play well with others.

Charles, Lets go back. The microscope you describe is poor at best. A used Wild stereo will last and perform well for 40(!) years at least. This is true for all the major makers. Buying third best never does you any good.

Now as to how a good microscope operates. It works 'cause everything fits all the time. Nothing is ever sloppy. Parts are made from the correct metal, not it's first cousin. Glass is cut correctly, not almost.

Charles, look, microscope sales are highly completitive, if a better way to build one can be found its used immediately. Scientist know how to pinch a nickel until the buffalo...well you know. I only saw one scientist buy a Swift which promptly became useless.

Kevin Cunningham  
SMS

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• *Follow-Ups:*

- ◆ *Re: Scope Quality Question*  
◇ *From: Rene*

• *References:*

- ◆ *Scope Quality Question*  
◇ *From: Charles*
- ◆ *Re: Scope Quality Question*  
◇ *From: GTO*
- ◆ *Re: Scope Quality Question*  
◇ *From: Kevin Cunningham*
- ◆ *Re: Scope Quality Question*  
◇ *From: GTO*
- ◆ *Re: Scope Quality Question*  
◇ *From: Charles*
- ◆ *Re: Scope Quality Question*

Re: Scope Quality Question

◇ *From: GTO*

◆ ***Re: Scope Quality Question***

◇ *From: Charles*

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