

Re: Lense swap

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- *From:* "Kevin Cunningham" <smskjd@xxxxxxxxxxxxxxxx>
 - *Date:* Wed, 22 Jun 2005 22:28:20 GMT
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"Mathein" <mathein30@xxxxxxxxxxxx> wrote in message
news:1119370228.647321.114380@xx

> Hello,
> has anyone experience in swapping lenses of different companies between
> scopes? we currently have a Nikon Eclipse TS100 of which the image
> quality isn't smashing; all lenses have low N.A.. I am currently
> looking into some Olympus lenses which would improve our scope a great
> deal. Question is whether this works... Thanx in advance!
> Cheers Mathein
>

There are a bunch of problems but the main one is that CF160 and Olympus objectives have different screw threads. That causes a whole lot of problems! Next you have correction problems. The real problem is it sounds like the real issue here is using a long working distance system when you need the numerical aperture (NA) of a short working distance system.

As some of the posters have suggested there are approaches to this problem readily available. You might want to rethink the instrumentation part of your experimental design.

Kevin Cunningham
SMS

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- *References:*
 - ◆ [Lense swap](#)
 - ◇ *From:* Mathein
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Re: Lense swap

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