

Re: need advice on purchasing used microscopes

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- *From:* "Y" <a@xxx>
 - *Date:* Fri, 11 Jul 2008 10:44:26 +0200
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"Meri" <meritree@xxxxxxxx> wrote in message
<news:7045eb65-1d67-41ee-ab27-8b8758290e07@xx>

I am the volunteer coordinator for phytoplankton monitors. We recently got a small sum of money (not much 1K) to purchase scopes for volunteers.

We use them to identify diatoms and dinoflagellates in coastal waters. I would like them to have a compound scope, with 10, 20, 40, and 10x ocular; ideally, a mechanical stage.

Does anyone have any advice?

Are these assumptions correct:

- Budget of 1K (\$,£,Euro?) to buy SEVERAL microscopes to be used by volunteers?
- No high level diatom identifications (up to subspecies and further), thus no need to use immersion objectives, high grade optics (apl-achr. condensers, pl-apo's...) or "special" techniques such as phase contrast?
- Photomicrography not required?
- Microscopes to be used by volunteers so sturdy and build-like-a-tank-instruments required?

Are the scopes to be used in a (small home) lab environment or are they to be taken out in the field?

Y.

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