

Re: microtome

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Source: <http://sci.tech-archive.net/Archive/sci.techniques.microscopy/2005-04/msg00121.html>

- *From:* Aaron <nghy@xxxxxxxxxxx>
 - *Date:* 24 Apr 2005 05:53:03 -0500
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Hello,

Yes that is the one and it seems to be in good condition and complete. You may have to be patient to find one at the price I mentioned.. A few are auctioned each week. Some sellers ask more and other less. It is also being sold at auction and the price will depend on competition. The microtomes come in all different states of completeness.. Look for ones with the sample holders and knife holders. If you get the blade so much the better. Additional blades come up with the same eBay search. Most used blades will not be in perfect shape for the best sections with this type of microtome . You will have to sharpen them yourself or send it our for professional sharpening which costs about \$65-\$80. These blades are \$300-\$500 new.

Here are some completed eBay auctions for your reference.

<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=26237&item=7507986123&rd=1>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=26237&item=7508100531&rd=1>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=48741&item=7507982427&rd=1>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=48741&item=7507010087&rd=1>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=48741&item=7506794359&rd=1>
<http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=26237&item=7506579341&rd=1>

For many years the AO820 and its clones were THE standard in all the labs. They are extremely rugged. They are cheap now only because so many were made and are now being replaced. The 820's will handle parafin embedded tissue samples down to 4-5 microns which is about as thin as a parafin section can be cut even though the microtome can be set for thinner sections..

The booklet by American Optical "Effective Care and Use of the Microtome" (long out of print and extremely scarce) was scanned into Adobe pdf format and can be found at

<http://www.science-info.org/micro/docs/AO-Spenser/>

Also look for "Section cutting in Microscopy" by H. F. Steedman available in the same format at the same site

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<http://www.science-info.org/micro/docs/Microtechnique/>

Good luck.

Aaron

On Sun, 24 Apr 2005 08:28:26 GMT, "Alex" <perceval_it@xxxxxxxxxxxx>
wrote:

>"Aaron" <nghy@xxxxxxxxxxxx> ha scritto nel messaggio
>news:t7fm61pe2fn9pai715agh7ff0qri3ee9pf@xxxxxxxxxxxx
>
>> Used professional microtomes are available regularly on eBay for
>> reasonable prices. AO 820 microtomes routinely go for about \$100.
>
>How is AO 820 for animal tissue?
>Here
><http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&category=48741&item=7510571737&rd=1>, 300\$.
>
>I will find its knives? Where?
>
>Thank you
>

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