
Subject: ? about a Heathkit Oscilloscope

Posted by [cassent5150](#) on Sun, 14 Mar 2010 16:15:06 GMT

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I ran into someone that had some electronic equipment he wanted to sell. A Heathkit Square screen solid state oscilloscope with wiring and probes \$100, a Sprague Cap tester \$75 and a transistor tester for \$75. Are these good prices? thanks STEVE C

Subject: Re: ? about a Heathkit Oscilloscope

Posted by [stevem](#) on Mon, 15 Mar 2010 10:15:14 GMT

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Yes they are good prices, just make sure the scope puts out a good sharp wave form picture(nice thin line) if its fat and fuzzy and the focus control does very little than the picture tube is shot!

Subject: Re: ? about a Heathkit Oscilloscope

Posted by [chicagobill](#) on Mon, 15 Mar 2010 16:08:44 GMT

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I'd check eBay to see what these items are selling for. You didn't mention any model numbers so it's hard to guess value.

Heathkit stuff was pretty good and reliable, but it was assembled by a hobbyist who could have been very talented or not. If you're only going to use it for audio work a limited bandwidth model will be fine. A dual trace unit will be helpful sometimes when comparing waveforms.

Hope this helps.

Subject: Re: ? about a Heathkit Oscilloscope

Posted by [cassent5150](#) on Tue, 16 Mar 2010 03:56:28 GMT

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I'm going to say it was a model 10-102 or 10-104 and he had the probes and some wiring and manual that went with it. I've seen them on ebay anywhere from 100 to 400 bucks. I may see if he'll fire it up and show me it in operation. I've never used one and don't know how to operate it but like stevem said below I'll look for a clean sign wave with the line being thin (not Fat or fuzzy) and see how much focus control there is. How much help is this o-scope in finding problems in like this darn PC-803 reverb board I'm trying to get working? Steve C

Subject: Re: ? about a Heathkit Oscilloscope

Posted by [chicagobill](#) on Tue, 16 Mar 2010 16:02:06 GMT

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An oscilloscope is designed to show you the waveform of a signal. It can be used to trace a signal through a circuit, to see where the signal dies out or where it changes shape (distorts).

That being said, I personally rarely use mine for troubleshooting. I just find that it is easier and faster to use my ears and my eyes and my multimeter to find circuit faults.

Scopes are not hard to use, and can be fun to play with. I would imagine that there are all sorts of instructions out there on the web.

If you are serious about fixing electronics, I would get it, if it is working and is cheap enough. But personally, I'd first spend my money on other things before getting one.

Just my two cents worth.

Subject: Re: ? about a Heathkit Oscilloscope
Posted by [cassent5150](#) on Fri, 19 Mar 2010 02:48:58 GMT
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Thanks for the advice, I'll keep that in mind as I ponder the idea of buying equipment. I can get the scope, cap tester and transistor tester I believe for around \$250. I thought that that was fair if he'll show me that they work. Its a heathkit scope I believe 20 mhz, sprague cap tester and I'm not shure but I think the transistor tester was called Fluke. I sure don't have the education or experience that ya'll have so I need all the help I can get. Believe me when I say you guys ROCK!!!! Helping us the way ya'll do. Thank You Very Much. Steve C
