

## Help on testing/picking an oscilloscope

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My friend found for me what appears to be a cheap oscilloscope on sale at a used parts place. He took down some details for the Tektronic scope's three modules

5110 (the 2 chan thingy?)

5A14N (4 Chan amplifier??)

5D10 (Waveform Digitizer???)

The 5A14N has four inputs but he couldn't get four traces on the screen no matter what. It seems broken since according to him, the scope would display two traces from the other module.

The working bit with two channels seem to be ok. I think he missed out the part number for this, but it's the most recognizable piece to me from his description of what clearly are the two analog voltage setting dials

But without any sort of input, Chan 2 appears to be faulty as there are signals around half the screen in amplitude when he turned it to the smallest voltage level 1mV, viewing at 100usec.

The last piece is the triggering piece 5D10 I think (my friend forgot to note down the position of the modules)

So our problem is how do we tell if the scope is working sufficiently to be worth the \$100 the shop is asking for? We don't have any sophisticated instrument to test with and the scope doesn't come with any leads/probes. Are there some ways to conduct a quick on the spot test with some very basic items?

Is it even worth considering or way too old to spend any money on? I'd like to have 10Mhz to 20Mhz, this is only 2Mhz according to the web but for the price, neither of us have found anything close to it yet.

thanks!!!

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## sci.electronics.equipment: Help on testing/picking an oscilloscope

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