

## Re: O-scope question...

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- *From:* YD <[ydtechHAT@xxxxxxxxxx](mailto:ydtechHAT@xxxxxxxxxx)>
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Late at night, by candle light, Rich Grise <[rich@xxxxxxxxxx](mailto:rich@xxxxxxxxxx)> penned this immortal opus:

On Mon, 03 Nov 2008 21:29:21 -0600, Tim Wescott wrote:

On Tue, 04 Nov 2008 12:50:21 +1100, Phil Allison wrote:

"sbrehler"

I am looking to purchase a entry/mid-level O-scope and have been eyeing a BK precision 2125A (30Mhz, Dual Trace, Analog).

[http://www.testequipmentdepot.com/bk-precision/oscilloscopes/2125a.htm?](http://www.testequipmentdepot.com/bk-precision/oscilloscopes/2125a.htm?gclid=CKq61L7h2ZYCFQNVHgodDnLe2w)

[gclid=CKq61L7h2ZYCFQNVHgodDnLe2w](http://www.testequipmentdepot.com/bk-precision/oscilloscopes/2125a.htm?gclid=CKq61L7h2ZYCFQNVHgodDnLe2w)

\*\* Looks much like any other, low cost Asian made scope – except for the inclusion of delayed sweep.

Like all of them I have seen, there is no mention of a magnetic shield being fitted to the CRT – this means the trace will wobble or shimmer if ever you bring an AC supply transformer near the unit. Nearly ALL the famous brand US or European brand scopes have magnetic (ie Mu Metal) shields on the CRT to eliminate this.

Whether this matters to YOU depends on what sort of work you intend doing and how you like to install the scope on your work

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bench.

Scopes are very much "horses for courses" and what one user loves another will just HATE !!

Personally, I cannot bear to use a digital scope.

My 5MHz Heathkit scope has a mu-metal shield.

Or at least it has a shield of something that looks like mu-metal.

Doesn't work for snot, though -- it wiggles all over in the presence of a magnetic field. I think they just put something in there so it'd look like it had a shield (either that, or there's something special about the scope that makes it extra sensitive to mag fields, and it'd be tons worse without the shield -- that's a scary thought).

I have an electric pencil sharpener on my desk next to my CRT monitor. You should see the screen when I sharpen a pencil!

Cheers!  
Rich

Some years ago I needed to adjust the monitor for the supervisory system. It's inside a kiosk and hard to reach in the normal position. So I swung it around, facing north, made the adjustments and de-magged. Swing it back, facing south. Looking at it up front it looked like shit. I had to pull it back as far as possible and use the glass window as a mirror to find the de-mag button. Never expected the Earth field to make such a difference.

- YD.

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Remove HAT if replying by mail.

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