

USB oscilloscope - OverclockersClub Forums

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I just purchased one of the DSO 2090 usb scopes from China on eBay. They all look the same, just with different brand names on the case.

I set it up and calibrated it easily despite the poor 'user's manual', installed on an old Compaq 1200 with Windows ME. The battery is dud so I was running it with power supply on. All looked good. I was ecstatic, the only 'scope I have is an ancient valve model.

I decided to display my mains (Australian 240V 50Hz) on the screen as a test. The inputs are labeled '35volts max' so selected x10 on the probe and set the display parameters appropriately(5v/div x10) When I went to connect the alligator [clip](#) to the neutral wire (the probe point itself was clear of everything, I was only connecting the alligator clip) there was a big zap and everything went dark.

The unit smells burnt and the laptop, she don't work no more. Totally lifeless. I connected the unit to another [computer](#) but it too is lifeless.

What the hell happened? if I had shorted the probe, or input too high a voltage I could understand but I was just connecting the ground clip to the mains neutral.

The laptop was worthless but the DSO 2090 cost about AU\$220.

There must be heaps of these units in use by now. Can anybody help?

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