

## Re: Measuring mA (debate solution needed)

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James Lerch wrote:

So,

A friend and I are having a polite debate.

He's calculating the current in a circuit by measuring the voltage drop across a 20ohm resistor. (Current is ~30mA range for reference)

I think best approach is to put a mA meter in series with circuit and read the meter. He disagrees and said his method of measuring the voltage drop across the resistor is more accurate.

You mean a moving coil meter ? They are inherently inaccurate (subject to modest calibration, linearity and measurement errors due to parallax).

Graham

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