



USB Digital Multimeter - Auto-Ranging (RS232 Output)

TOL-12967 ROHS

★★★★☆ 5

DESCRIPTION

INCLUDES

FEATURES

DOCUMENTS

It seems like everything plugs in to your computer these days, and this digital multimeter is no exception. This auto-ranging multimeter will test AC and DC voltage and current as well as capacitance, resistance, frequency and even temperature. It features a large, easily readable display for use in the field as well as the ability to connect to your computer for data logging, processing and analysis. It has all of the basic functions that you expect from a good digital multimeter including continuity check (with buzzer), diode test and data hold. Data logging and analysis software is included on a mini-CD and you can also download it below.

Note: The included CD contains all versions of the software. The version that has been tested to work with this unit is version 3.0. You can also just use the download link in the *Documents Tab*.

Note: This meter does have a USB interface, but it's not clearly RS232. The meter needs the proprietary software to function and you cannot simply read the data directly without a driver and the software.

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Previous Versions ▾

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SKILLS NEEDED



How to Use a Multimeter

JANUARY 9, 2015

Learn the basics of using a multimeter to measure continuity, voltage, resistance and current.

COMMENTS 22

REVIEWS ★★★★★ 5

Customer Reviews

★★★★☆ 4.2 out of 5

Based on 5 ratings:

4 star	<div><div></div><div></div><div></div><div></div><div></div></div>	2
3 star	<div><div></div><div></div><div></div><div></div><div></div></div>	1
2 star	<div><div></div><div></div><div></div><div></div><div></div></div>	0
1 star	<div><div></div><div></div><div></div><div></div><div></div></div>	0

Currently viewing all customer reviews.

2 of 2 found this helpful:

★★★★☆ A great addition to my bench

about 3 years ago by **Member #74332** ✓ verified purchaser

After 30 years in my career as an Electronics CET, I have twisted many Knobs, POT's and function switches sometimes ending up in the wrong range, wrong measurement function, flopping my DMM on it's side or collapsing it. The push button and auto range is a welcome relief. The RS232 commo is outstanding for logging data and also setting up a trouble shooting routine for equipment that is serviced continuously. This routine may be used by laymen in order to relieve the work load of the Supervising Technician. You can find great innovations, education and great products at Sparkfun! Thanks Guys

5 of 5 found this helpful:

★★★★☆ Pretty good multimeter but RS232 output is a pain

about 2 years ago by **UntitledTitle** ✓ verified purchaser

This appears to actually be a Victor 70C multimeter, potentially with customized firmware. The included RS232 interface software is windows only but neither it nor open-source alternatives like sigrok-cli actually worked for me (Win7/64bit), though the DMM did register as a serial port.

For someone digging further into this, the the protocol is potentially documented at https://sigrok.org/wiki/Victor_protocol

★★★★★ Excellent device!

about 2 years ago by **Member #529167** ✓ verified purchaser

Not much else to say here except that this device is very excellent. It lives up to the expectation of a medium cost hobby meter and the autoranging feature is very stable. Definitely a tool to recommend.

★★★★★ Wanted to upgrade from analog to digital

about 2 years ago by **Member #472104** ✓ verified purchaser

This meter was affordable and digital. I looked at the yellow ones but could not justify the expense for a hobby. This has beeper for continuity checks and digital for other measurements. Works well for me.

★★★★☆ Decent meter, esp for price

about 9 months ago by **Member #107599** ✓ verified purchaser

Looks like they took the Victor86C USB protocol and changed 1 or 2 things.

0 - jodenxunickxia is still the magic value for subtracting bytes 1 - I think the 'scrambler' step may have been reversed or else I'm reading the disassembly wrong. 2 - the bytes in the 14-byte packet are now bit-reversed.





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