



Technical Data Sheet

VA801

*High Accuracy Multimeter
(Economic) Bench top*



Application

The VA801 Series is a new generation of reliable, cost effective, full capabilities digital multimeters. With measuring DCV, ACV, DCA, ACA, Resistance (2&4 Wire), Capacitance, Diode Test, Frequency and Temperature. The Series is not only designed for simple and efficient bench top use, but also includes providing a variety of auxiliary functions, communication interfaces, software options for data logging and remote programming to help meet the needs of test and measurement applications in process testing, teaching experiments and inspection occasions. It can fit any DMM application with speed, accuracy, reliability, and efficiency well beyond its price.

Product Features

- 63000 counts measurement
- ACV and DCV measurements reach up to 1000V.
- DC measurement accuracy reaches up to 0.03%.
- 0.01 Ω resistance resolution and 1 μ V voltage resolution.
- Linear frequency measurement, logic frequency/duty ratio measurement.
- Capacitance measurement from 0.0001nF to 60mF.
- AC/DC true RMS measurement.
- Maximum value/minimum value measurement, relative value measurement.
- VFD double display function
- All operations by buttons
- Data logger saves data to Internal E2prom, USB-Disk or SD-Card.
- RS-232C, USB, Bluetooth, LAN communication interface can be choose. Display, record and graphics software of computer.
- Overload protection.

Product Specifications

DC Voltage	600.00mV/6.0000V/60.000V/600.00V/1000.0V±(0.02%)
AC Voltage	600.00mV/6.0000V/60.000V/600.00V/1000.0V±(0.8%)
DC Current	60.000µA/600.00µA/60.000mA/600.00mA/10.000A±(0.2%)
AC Current	60.000µA/600.00µA/60.000mA/600.00mA/10.000A±(0.75%)
Resistance	600.00/6.0000K/60.000K/600.00K/6.0000M/60.000MΩ±(0.3%)
Capacitance	6.0000nF/60.000nF/600.00nF/6.0000µF/60.000µF/600.00µF/6.0000mF/60.000mF±(3.0%)
Frequency	10.000Hz~6.0000MHz±(0.01%)
Thermocouple Temperature	-200.0~1200.0°C (-328°F~2192°F) K/J/T/E/R/S/B/N
RTD Temperature	-200.0~600.0°C (-328°F~1112°F) PT100/PT500/PT1000/Cu50/Ni120
Memory	16000 point internal/USB disk or SD card external
Size	350x240x100 mm (13.77x9.44x3.93 inch)
Weight	2500 g (88.18 Ounces)



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