

VICTOR 97 (VC97) — 2024 VERSION

DIGITAL MULTIMETER | PRODUCT DATASHEET SUMMARY

AC/DC Voltage & Current	CAPACITANCE 6 nF – 100 mF*	FREQUENCY 10 Hz – 20 MHz*	SAFETY Verify exact rating
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PRODUCT OVERVIEW

The VICTOR 97 (VC97) 2024 version is a handheld digital multimeter intended for general electrical and electronics measurements. Listed functions include AC/DC voltage and current, resistance, capacitance, frequency, temperature, diode testing and continuity checking. Suitability depends on the exact instrument variant, accessories and measurement environment.

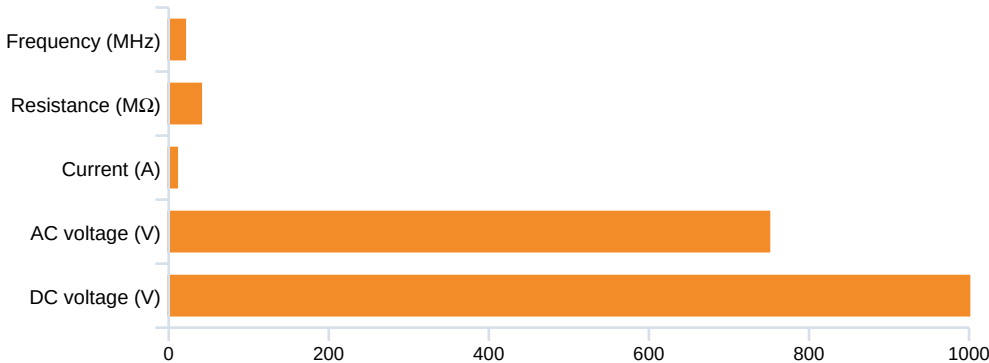
SPECIFICATIONS

Function	Published range / feature*
DC Voltage	40 mV – 1000 V
AC Voltage	40 mV – 750 V
AC/DC Current	400 μ A – 10 A
Resistance	400 Ω – 40 M Ω
Capacitance	6 nF – 100 mF
Frequency	10 Hz – 20 MHz
Temperature	–20 °C to +1000 °C
Functions	True RMS, NCV, REL, Duty Cycle, DATA HOLD, diode test, transistor hFE, continuity buzzer
Convenience	Backlight, flashlight, auto/manual range (confirm variant)

*Specification summary transcribed from the product details discussed for the 2024 version. The manufacturer's page appears inconsistent on display count (5999 in the introduction and 3999 in its specification table). Confirm all ratings against the exact unit/manual before publication or safety-critical use.

MEASUREMENT RANGE SNAPSHOT

The chart below compares selected upper-end numeric ranges only. It is not a comparison of accuracy, resolution, safety category or performance between functions.



Note: Since the functions use different units and scales, the chart is a simple visual snapshot and should not be interpreted as a like-for-like performance ranking.

COMMON MEASUREMENTS — QUICK GUIDE

Task	Basic setup / method	Typical use
DC voltage	V DC; leads in COM and V; connect in parallel.	Batteries, adapters, DC rails
AC voltage	V AC; connect in parallel within rated limits.	Transformer outputs, AC sources
Current	Correct current jack/range; insert in series.	Circuit current draw
Resistance	Ω mode; circuit de-energized.	Resistors, windings, continuity checks
Capacitance	Discharge safely; isolate capacitor as needed.	Initial capacitor check
Diode	Diode mode; compare forward/reverse readings.	Rectifier and signal diodes
Frequency / duty	Select supported function and input limits.	Periodic signal checks
Temperature	Use compatible probe and its temperature limits.	Surface/component checks

SAFETY NOTES

- Never connect a multimeter in current mode directly across a voltage source; this can cause a short circuit.
- For resistance/capacitance checks, de-energize the circuit and verify capacitors are safely discharged.
- For mains or industrial circuits, verify the meter's CAT rating, voltage rating, fuse specifications and probe ratings. Use appropriate PPE and trained procedures.
- NCV is a preliminary detector, not proof that a circuit is de-energized.

SOURCE & PRODUCT LINK

Manufacturer product page: [VICTOR 97 Digital Multimeter — 2024 Version](#)

Product website: aghayeabzar.com

Prepared as an English product datasheet summary for AghayeAbzar.com. This document is not a substitute for the manufacturer's complete manual. Confirm model-specific specifications, measurement accuracy, input protection and safety ratings.