



VOLTCRAFT®

VOLTCRAFT® - TOP PERFORMANCE IN EVERY WAY

“For more than 25 years, our product range has been dynamically adapting to the constant changes in the industry. We commit to offering first-class quality to our customers while delivering an excellent cost-performance ratio. This philosophy remains the cornerstone of Voltcraft’s success.”

VC150 DIGITAL MULTIMETER

Nº 12 44 02

CE

VERSION 04/10

Sturdy starting device with manual selection of measurement range. This multimeter is prepared for all measurement tasks in the household and hobby areas. Even professional tasks can be done up to 250 V.

HIGHLIGHTS

Standard measurement ranges
V/DC, V/AC, A/DC //

Resistance //

Temperature //

Diode test //

Acoustic continuity checker //

Contactless AC voltage checker //

hFE-transistor test (with optional adapter) //

Hold function //

Low battery display //

Sturdy housing with soft rubber protection //



GENERAL SPECIFICATIONS

DISPLAY: 2000 counts **BASIC ACCURACY:** $\pm 0.6\%$ **MEASUREMENT RANGE DC VOLTAGE:** 0.1 mV - 250 V **MEASUREMENT RANGE DC CURRENT:** 0.1 μ A - 10 A **MEASUREMENT RANGE AC VOLTAGE:** 0.1 V - 250 V **MEASUREMENT RANGE TEMPERATURE:** -40 °C to +1000 °C **MEASUREMENT RANGE RESISTANCE:** 0.1 Ω - 20 M Ω **VOLTAGE SUPPLY:** 9 V block battery **OVERVOLTAGE CATEGORY:** CAT III 250 V **WEIGHT:** 200 g **DIMENSIONS (W x H x D):** 72 x 137 x 35 mm

TECHNICAL DATA

Functions	Range	Resolution	Accuracy $\pm(a\% \text{ reading} + b \text{ digits})$	Overload protection	Remarks
DCV	200 mV	0.1 mV	$\pm(0.6\% + 2)$	250 V	---
	2,000 mV	1 mV			
	20 V	0.01 V			
	200 V	0.1 V			
	250 V	1 V	$\pm(0.9\% + 2)$		
ACV	200 V	0.1 V	$\pm(1.3\% + 3)$	250 V	Frequency range: 40 - 400 Hz
	250 V	1 V			
DCA	2000 μ A	1 μ A	$\pm(1.1\% + 2)$	1 A / 250 V + 10 A / 250 V	---
	20 mA	0.01 mA			
	200 mA	0.1 mA	$\pm(1.3\% + 2)$		
	10 A	0.01 A	$\pm(2.2\% + 6)$		
Ω	200 Ω	0.1 Ω	$\pm(0.9\% + 6)$	250 V	Test voltage: approx. 0.5 V
	2000 Ω	1 Ω			
	20 k Ω	0.01 k Ω			
	200 k Ω	0.1 k Ω			
	20 M Ω	0.01 M Ω	$\pm(1.1\% + 6)$		
°C	-40 °C to 0 °C	1 °C	$-(8.8\% + 6)$	---	---
	>0 °C to +400 °C		$\pm(2.8\% + 3)$		
	>400 °C to 1,000 °C		$\pm(3.3\% + 3)$		

Acoustic continuity tester:	<10 Ω Permanent sound
Diode test test voltage:	U ₀ 3.0 V
Diode overload protection/continuity tester:	250 V
Transistor test "hFE":	0 - 1000 β , test voltage V _{ce} 3 V, test current I _{bo} 10 μ A
NCV voltage test:	230 V/AC

PACKAGE CONTENT

Digital multimeter // Safety measuring cables // K type thermosensor // Battery // Operating instructions

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