

# Bench Type Digital Multimeter



## Description

The model is a manual range digital bench-type multimeter with average value display, full function and full range overload protection and a unique design. It can be powered by AC 220V/50Hz or 1.5V cell (R14) × 6. It's your ideal testing meter with superior performance. The model is widely used in industrial production and service, technological research and design, college education (laboratory, courses), and automotive industry.

## Features

- Display Count : 40,000
- Auto Range
- True RMS
- Bandwidth (Hz) : 100kHz
- Duty Cycle : 0 to 100% [Accuracy  $\pm(1\%+40)$ ]
- Diode Test
- Auto Power Off
- Continuity Buzzer
- Low Battery Indication
- Data Hold
- Relative Mode
- MAX/MIN
- Peak Hold
- Data Logging : 9,999
- Data Recall
- RS-232
- USB Interface
- Double Backlight
- Analogue Bar Graph : 81
- Setup
- Input Protection
- Input Impedance for DCV : 400mV Range : Around 4G $\Omega$ , All Other Ranges: Around : 10M $\Omega$
- Current Measurement Alarm
- 4 - 20mA Loop : 0 to 100% - [Accuracy  $\pm(1\%+50)$ ]
- Voltage & Current : AC+DC Measurement

## Specifications

	Range	Best Accuracy
DC Voltage (V)	400mV/4V/40V/400V/1000V	$\pm(0.025\%+5)$
AC Voltage (V)	4V/40V/400V/1000V	$\pm(0.4\%+30)$
DC Current (A)	400 $\mu$ A/4000 $\mu$ A/40mA/400mA/10A	$\pm(0.1\%+15)$
AC Current (A)	400 $\mu$ A/4000 $\mu$ A/40mA/400mA/10A	$\pm(0.7\%+15)$
Resistance ( $\Omega$ )	400 $\Omega$ /4k $\Omega$ /40k $\Omega$ /400k $\Omega$ /4M $\Omega$ /40M $\Omega$	$\pm(0.3\%+40)$
Capacitance (F)	40nF/400nF/4 $\mu$ F/40 $\mu$ F/400 $\mu$ F/4mF/40mF	$\pm(1\%+20)$
Frequency (Hz)	40Hz/400Hz/4kHz/40kHz/400kHz/4MHz/40MHz/400MHz	$\pm(0.01\%+8)$
Temperature ( $^{\circ}$ C)	-40 $^{\circ}$ C ~ 1000 $^{\circ}$ C	$\pm(1\%+30)$
Temperature ( $^{\circ}$ F)	-40 $^{\circ}$ F ~ 1832 $^{\circ}$ F	$\pm(1.5\%+50)$



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## General Characteristic

Power	AC 220V/50Hz or 1.5V Cell (R14) × 6
LCD Size	128mm × 28mm
Product Colour	Orange and Grey
Product Net Weight	2.2 kg
Product Size	310mm × 240mm × 105mm
Standard Accessories	Test Lead, AC 220V Power Cord, Software, RS-232 Interface Cable, USB Interface Cable, Alligator Clip, Point Contact Temperature Probe, Test Clip
Safety Rating	CAT II 1000V

## Part Number Table

Description	Part Number
Bench Type Digital Multimeter	72-8720

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