
UNIKS
AUTO
AC
233
V
M3
FUNC
RANGE
HOLD
TRMS
Digital Multimeter
OFF NCV
CAT III 600V
MAX 600V

General Specifications

Operating environment condition:

IEC/EN 61010-1

CAT III 600V

Pollution Degree II

Altitude < 2000 m

Operating temperature and humidity: 0~40℃ (<80% RH, not considered when <10℃)

Storage temperature and humidity: -10~60℃ (<70% RH without battery)

Temperature coefficient: 0.1 x Accuracy / ° C

Maximum voltage allowed between measurement terminal and ground: 600V DC or AC RMS

Sampling rate: approx. 3 times per second

Display: 3 1/2 digits LCD

Over-range indication: “OL” is displayed

Battery low voltage indication: is displayed

Input polarity indication: "-" is automatically displayed

Power supply: 2 x 1.5V AAA batteries

Dimension: 128 x 61 x 25 mm

Accuracy

Accuracy is applicable within one year after calibration.

Reference conditions: ambient temperature 18° C~28° C, RH<80%

DC Voltage

Range	Resolution	Accuracy
200mV	0.1mV	±(0.8%rdg+5dgt)
2V	0.001V	
20V	0.01V	
200V	0.1V	±(1.0%rdg+5dgt)
600V	1V	

Input impedance: Approx. 10MΩ.

Maximum input voltage: 600V DC or AC RMS

AC Voltage

Range	Resolution	Accuracy
2V	0.001V	±(1.2%rdg+5dgt)
20V	0.01V	
200V	0.1V	
600V	1V	

Input impedance: Approx. 10MΩ.

Maximum input voltage: 600V DC or AC RMS

Frequency: 40Hz~1000Hz

Note: Excessive input voltage may burn out the load resistance.

Resistance

Range	Resolution	Accuracy
200 Ω	0.1 Ω	±(0.8%rdg+3dgt)
2k Ω	0.001k Ω	
20k Ω	0.01k Ω	
200k Ω	0.1k Ω	
2M Ω	0.001M Ω	
20M Ω	0.01M Ω	

Over voltage protection: max. 600V DC or AC RMS

Diode

Function	Range	Resolution	Test environment
Diode 	2 V	0.001V	Open circuit voltage: approx. 2.4V. The display shows the approximate value of the forward voltage drop of the diode.

Over voltage protection: max. 600V DC or AC RMS

Continuity

Function	Description	Test environment
	The buzzer beeps when the measured resistance value is less than 35Ω.	Test current: about 1mA; Open circuit voltage: about 2.4V.

Over voltage protection: max. 600V DC or AC RMS