

FLASHMETER



Unbreakable and water resistant

The Flashmeter is an IP67 water resistant with double insulation protection multimeter. It includes a probe to detect AC voltage without contact.

Furthermore resistance measurements occur automatically under autorange, by connecting input terminals.

Technical Overview

Accuracy is indicated as \pm [% reading + (number dgt * resolution)] at 18°C to 25°C, <75%HR

DC VOLTAGE (Autoranging)

Range (*)	Resolution	Accuracy	Input impedance	Oveload protection
400.0V	0.1V	$\pm(1\%+5\text{dgt})$	>10M Ω	600V DC/AC
600.0V				

(*) Minimum value of reading voltage: approx 1.0VDC

AC TRMS VOLTAGE (Autoranging)

Range (*)	Resolution	Accuracy (**) (40Hz - 1kHz)	Input impedance	Oveload protection
400.0V	0.1V	$\pm(1\%+5\text{dgt})$	>9M Ω	600V DC/AC
600.0V				

(*) Minimum value of reading voltage: approx 1.5V AC

(**) Accuracy specified from 5% to 100% of measurement range

RESISTANCE (Autoranging)

Range	Resolution	Accuracy	Oveload protection
40.0 Ω	0.1 Ω	$\pm(2\%+18\text{dgt})$	600V DC/AC
400.0 Ω			
4.000k Ω	0.001k Ω	$\pm(2\%+10\text{dgt})$	
40.00k Ω	0.01k Ω		
400.0k Ω	0.1k Ω		

CONTINUITY TEST

Function	Buzzer	Test current	Oveload protection
•)	<40 Ω	<0.3mA	600V DC/AC

Model Specifications

Power Source	2 x 1.5V (AAA) batteries
Battery Life	approx. 80h (with backlight), approx. 400h (without backlight)
Certificates	IEC/EN61010-1, CAT IV 600V, EMC: IEC/EN61326-1
Dimensions (mm)	140 (L) x 75 (W) x 40 (H)
Weight (g)	220 (including batteries)

FEATURES

- LCD display, 4 dgt, 4000 counts
- Automatic detection of measurement functions (DC/AC Voltage, Resistance)
- Detection AC Voltage without contact (NCV)
- Automatic polarity indication
- "OL" overrange indication
- Auto HOLD
- Frequency rate: 3 times/s
- Working temperature: 0°C - 50°C
- Working humidity: <75%RH
- Battery life: approx 80h (with backlight), approx 400h (without backlight)
- Auto Power OFF after 15 min of idleness
- Backlight