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FLASHMETER

Rel. 1.00 of 30/05/17

Automatic TRMS multimeter

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1. ELECTRICAL SPECIFICATIONS

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

DC VOLTAGE (Autorange)

Range (*)	Resolution	Accuracy	Input impedance	Oveload protection
400.0V	0.1V	$\pm(1.0\%rdg+5dgt)$	>10M Ω	600VDC/ACrms
600.0V				

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

AC TRMS VOLTAGE (Autorange)

Range (*)	Resolution	Accuracy (**) (40Hz ÷ 1kHz)	Input impedance	Oveload protection
400.0V	0.1V	$\pm(1.0\%rdg+5dgt)$	>9M Ω	600VDC/ACrms
600.0V				

(*) Minimum value of reading voltage: approx 1.5VAC

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

RESISTANCE (Autorange)

Range	Resolution	Accuracy	Oveload protection
40.0 Ω	0.1 Ω	$\pm(2.0\%rdg+18dgt)$	600VDC/ACrms
400.0 Ω			
4.000k Ω	0.001k Ω	$\pm(2.0\%rdg+10dgt)$	
40.00k Ω	0.01k Ω		
400.0k Ω	0.1k Ω		

CONTINUITY TEST

Function	Buzzer	Test current	Oveload protection
•)	<40 Ω	<0.3mA	600VDC/ACrms



2. GENERAL SPECIFICATIONS

Display:

- LCD, 4 dgt, 4000 points plus sign and decimal point
- Automatic polarity indication
- Backlight
- "OL" overrange indication

Features:

- Automatic detection of measurement functions (DC/AC Voltage, Resistance)
- Auto HOLD
- Detection AC Voltage without contact (NCV)

Frequency rate:

- 3 times/s
- Conversion: TRMS

Environment conditions:

- Working temperature/humidity: 0°C ÷ 50°C, <75%RH
- Storage temperature/humidity: -20°C ÷ 60°C, <80%RH

General information:

- Max altitude: 2000m
- Pollution degree: 2
- Insulation: double insulation

Power supply:

- 2 x 1.5V batteries type AAA LR03
- Battery life: approx 80h (with backlight), approx 400h (without backlight)
- Auto Power OFF after 15 min of idleness

Mechanical characteristics:

- Dimensions (L x W x H): 140 x 75 x 40mm
- Weight (included batteries): 220g
- Mechanical protection: IP67

Reference guidelines:

- Safety : IEC/EN61010-1, CAT IV 600V, EMC: IEC/EN61326-1

This instrument satisfies the requirements of Low Voltage Directive 2014/35/EU (LVD) and of EMC Directive 2014/35/EU

This instrument satisfies the requirements of European Directive 2011/65/EU (RoHS) and 2012/19/EU (WEEE)