



1. ELECTRICAL SPECIFICATIONS

Accuracy in indicated as $\pm$ (% of reading + number of digits) at $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$; $<60\%\text{HR}$

Earth Resistance 3-wire and 2-wire systems

Range (Ω)	Resolution (Ω)	Accuracy	
		Disturbance $\leq 3V_{\text{rms}}$	$3V_{\text{rms}} < \text{Disturbances} < 6V_{\text{rms}}$
0.01 $\div$ 19.99	0.01	$\pm(2.0\%\text{rdg} + \text{dgt})$	$\pm(4.0\%\text{rdg} + 10\text{dgt})$
20.0 $\div$ 199.9	0.1		
200 $\div$ 1999	1		
2.00k $\div$ 19.99k	0.01k	$\pm(3.0\%\text{rdg} + 3\text{dgt})$	$\pm(6.0\%\text{rdg} + 10\text{dgt})$
20.0k $\div$ 49.9k	0.1k		

Test current: $\leq 12\text{mAAC}$

Open circuit voltage: $\leq 25\text{V ACTRMS}$

Test frequency: $110\text{Hz} \pm 1\text{Hz}$

Noise Voltages

Range (V)	Resolution (V)	Accuracy
0.0 $\div$ 99.9	0.1	$\pm(2.0\% \text{rdg} + 2\text{dgt})$
100 $\div$ 299	1	

2. GENERAL SPECIFICATIONS

DISPLAY:

Features: Custom LCD
Visible area: 53x53 mm

POWER SUPPLY:

Batteries: 4x1.5V battery type LR6-AA-AM3-MN 1500
Low batteries indications: "⬮" symbol at display
Batteries life: about 500 test
AutoPowerOff: after 5 min from last action

MECHANICAL FEATURES:

Dimensions: 240(L) x 100(W) x 45(H) mm
Weight (included batteries): about 0.6kg

WORKING ENVIRONMENTAL CONDITIONS:

Reference temperature: $23^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Working temperature: $0^{\circ} \div 40^{\circ}\text{C}$
Allowed relative humidity: $<80\%\text{HR}$
Storage temperature: $-10 \div 60^{\circ}\text{C}$
Storage humidity: $<80\%\text{HR}$

GENERAL REFERENCE STANDARDS:

Safety of measuring instruments: IEC / EN61010-1, IEC / EN61557-1, IEC / EN61557-5
Technical documentation: IEC / EN61187
Safety standard accessories: IEC / EN61010-031, IEC / EN61010-2-032
Insulation: double insulation
Pollution degree: 2
Overvoltage category: CAT III 265V to ground, max 415V between inputs
Max altitude: 2000m
EMC: EN61326-1

This instrument complies with the requirements of the European Low Voltage Directives 2006/23/EEC (LVD) and EMC 2005/108/EEC