

RGT-1612

Product Description

DC Digital resistance tester

CE



Product description:

DC Resistance Tester is a digital CMOS LSI formed by the 4 1/2 digit digital portable instrument, the measurement results show with five LED. The table has a good performance, good reliability, low cost, easy to use features, it can be used as 1 μ V-2V voltage measurement. This table is most suitable for measuring the resistance of the metal conductors, wires and other contact points, in addition, it can also be used to test the motor, transformer winding resistance and so on. So it can be widely used in laboratory, industrial and mining site, is an extremely ideal measuring instruments.

Technical parameters:

1 Conditions of Use

1.1 Ambient temperature: 20 ° C \pm 15 ° C

1.2 Relative humidity: 75% or less

1.3 Power supply: 220V \pm 10%, 50Hz \pm 1 Hz

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1.4 No severe vibration and mechanical shock.

1.5 air does not contain enough of the dust and impurities corrode equipment

1.6 should not be affected by strong electromagnetic interference

1.7 ventilated conditions

2 range, range, resolution and basic error

Products under standard conditions in line with the provisions of Table 1

Range	Measuring range	resolution	Error
20mΩ	19.999 mΩ	1μΩ	±(0.05% reading +3 words)
200mΩ	199.99 mΩ	10μΩ	
2Ω	1.999 mΩ	100μΩ	
20Ω	19.999 Ω	1 mΩ	
200Ω	199.99Ω	10 mΩ	
2KΩ	1,999.9Ω	100 mΩ	

3 long-term stability

Products under reference conditions, within six months of the error shown in Table 2.

Range	Measuring range	resolution	Error
20mΩ	19.999 mΩ	1μΩ	±(0.06% reading +2 words)
200mΩ	199.99 mΩ	10μΩ	
2Ω	1.999 mΩ	100μΩ	
20Ω	19.999 Ω	1 mΩ	
200Ω	199.99Ω	10 mΩ	
2KΩ	1,999.9Ω	100 mΩ	

4 additional temperature error

Products in the case of a shift of 20 ± 1 ° C Working ambient temperature changes by 10 ° C additional error caused should not exceed the basic error.

5 polarity, overload indication range

5.1 does not display when the polarity resistance measurement (display "-" polarity, VH and VL is wrong,

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change what you can).

5.2 This polar alignment in zero time with.

5.3 When the input resistance value exceeds the range of instruments measuring instrument display flashes.

5.4 from 20 mΩ to 2KΩ have adopted the manual range.

6 Sampling rate: 2-3 times / s

7 Power consumption: less than 30W.

8 Weight: no more than 3Kg.

9 Dimensions: L × W × H: 240 × 285 × 105 (mm)