

# HI-1000-B High precision AC/DC tester

High-precision AC/DC tester is ideal for current measurement in the fields of power, metrology, military, manufacturing, scientific research, etc.

# **Product photo**





# Technical Characteristics(RD-reading, RG-range)

#### Current Measurement

AC measuring limit	14A、28A、71A、141A、354A、707A; (RG automatically switched)			
Measuring range	(0~110%)RG			
Accuracy	$0.05\%RD$ (10A $\leq$ I $\leq$ 750A)			
	0.05%RD (500mA $\leq$ I $\leq$ 10A); (Accessories needed)			
Resolution	0.01%RG			

DC measuring limit	40A、100A、200A、400A、1000A;(RG automatically switched)			
Measuring range	(0~110%)RG			
Accuracy	$0.02\%RD (20A \le I \le 1100A)$			
	0.02%RD (500mA $\leq$ I $\leq$ 20A); (Accessories needed)			
Resolution	0.005%RG			

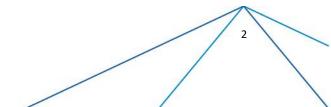
#### Frequency Measurement

Measuring range	40Hz~70Hz
Accuracy	0.01Hz
Resolution	0.001Hz

### Other technical characteristics

Operating supply voltage range	AC85V ~ 265V,50/60Hz
Dimensions	300mm×185mm×100mm (Length×Width×Depth)
Weight	1.5Kg

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# Connection system

### ■ Connection1 (DB9 Male Terminal)

Pin	1	2	3	4	5	6	7	8	9
Definiti	RS485_A	RS232_TX	RS232_RX	RS485_B	GND	N.C	N.C	N.C	N.C
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#### ■ Explanation on the photo below



### **Product characteristics**

High precision measurementThe basic precision is shown as below

DC current	0.02%RD	
AC current	0.05%RD	

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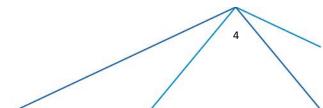
Compatible with AC and DCCapable of analyzing and showing DC current and AC current



Capable of multi-range measuring The detector is equipped with multi-range current. Each range can be measured to 110% of the upper limit, and the range is automatically switched.



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Expandable measurement range
The measurement range can be extended by adding a toroidal ring.



Toroidal ring

User interface easy to use The simple and straightforward operation interface, configured with a 4.3-inch color graphics LCD, is an easy-to-understand user interface based on the touch panel.



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