

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 ≤ I ≤ 750A) 0.05%RD (500mA ≤ I ≤ 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 ≤ I ≤ 1100A) 0.02%RD (500mA ≤ I ≤ 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

Connection system

■ Connection1 (DB9 Male Terminal)

Pin	1	2	3	4	5	6	7	8	9
Definition	RS485_A	RS232_TX	RS232_RX	RS485_B	GND	N.C	N.C	N.C	N.C

■ Explanation on the photo below



Product characteristics

■ High precision measurement

The basic precision is shown as below

DC current	0.02%RD
AC current	0.05%RD

- Compatible with AC and DC

Capable 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.



- 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.

