

HIU-600-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)

■ Voltage measurement

AC voltage measuring limit	35V、71V、141V、354V、707V;(量程自动切换)			
Measuring range	(0~110%)RG			
Accuracy	$0.05\%RD (20V \le U \le 750V)$ $0.1\%RD (1V \le U \le 20V)$			
Resolution	0.01%RG			

DC voltage measuring limit	10V、20V、50V、100V、200V、500V、1000V; (量程自动切换)			
Measuring range	(0~110%)RG			
Accuracy	$0.02\%RD (10V \le U \le 1100V)$ $0.05\%RD (1V \le U \le 10V)$			
Resolution	0.005%RG			

Current Measurement

AC measuring limit	8A、17A、42A、85A、170A、424A; (RG automatically switched)				
Measuring range	(0~110%)RG				
Accuracy	$0.05\%RD$ (5A \leq I \leq 500A)				
Accuracy	0.05%RD (200mA \leq I \leq 5A); (Accessories needed)				
Resolution	0.01%RG				

DC measuring limit	12A、24A、60A、120A、240A、600A; (RG automatically switched)				
Measuring range	(0~110%)RG				
Accuracy	0.02%RD (10A \leq I \leq 700A) 0.02%RD (200mA \leq I \leq 10A); (Accessories needed)				
Resolution	0.005%RG				

Power measurement

地址:深圳市宝安区宝源路华源科技创新园B座531室 电话: 0755-82593440 网址: www.hangzhicn.cn



AC nower accuracy	$0.05\%RD (20V \le U \le 750V, 5A \le I \le 500A)$
AC power accuracy	$0.1\%RD$ $(1V \le U \le 20V, 200mA \le I \le 5A)$
DC mayyar agguragy	$0.02\%RD (10V \le U \le 1100V, 10A \le I \le 700A)$
DC power accuracy	$0.05\%RD \ (1V \le U \le 10V, \ 200mA \le I \le 10A)$

Phase measurement

Phase measurement range	0.00°~359.99°
Phase measurement accuracy	0.02° (20V ≤ U ≤ 750V, 5A ≤ I ≤ 500A)
Phase measurement resolution	0.001°

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

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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

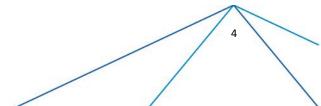


Product characteristics

High precision measurementThe basic precision is shown as below

DC current	0.02%RD
AC current	0.05%RD
DC voltage	0.02%RD
AC voltage	0.05%RD

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.



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

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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.

