

VICTOR®

Digital Earth Tester VC6310B

Mainly used to measure the wire resistance cables the contact resistance switches connectors relays the resistance of coils, motors transformer winding and metal riveting resistance the connection resistance test between metal components the low-value resistance test and the grounding grid Resistance test of connecting conductor contact resistance test etc



Model	Range	Accuracy	Resolution	Maximum test current
6310B	0.001mΩ-10.000mΩ	Within 18°C~28°C Below 70%rh +0.1%FS+20dgt	0.001mΩ	1.2A
	10.01mΩ - 100.00mΩ		0.01mΩ	1.2A
	100.1mΩ - 1000.0mΩ		0.1Ω	1.2A
	1.001Ω- 10.000Ω		0.001Ω	1.2A
	10.01Ω - 100.00Ω		0.01Ω	0.5A
	100.1Ω - 1000.0Ω		0.1Ω	0.05A
	1.001KΩ - 10.000KΩ		0.001KΩ	5mA
	10.01KΩ - 100.00KΩ		0.01KΩ	0.5mA
	100.1KΩ - 300.0KΩ		0.1KΩ	0.05mA
6310A	0.01mΩ - 100.00mΩ	Within 18°C~28°C Below 70%rh +0.1%FS+20dgt	0.01mΩ	1.2A
	100.1mΩ - 1000.0mΩ		0.0001Ω	1.2A
	1.001Ω - 10.000Ω		0.001Ω	1.2A
	10.01Ω - 100.00Ω		0.01Ω	0.5A
	100.1Ω - 1000.0Ω		0.0001KΩ	0.05A
	1.001KΩ - 10.000KΩ		0.001KΩ	5mA
	10.01KΩ - 30.00KΩ		0.01KΩ	0.5mA
Resistance Range	0.01mΩ-30.00KΩ		0.001mΩ-300.0KΩ	
Resolution	10uΩ		1uΩ	
Accuracy	±0.1%FS		±0.1%FS	
Data storage	500 sets		500 sets	
USB Data upload function	N		Y	
Charging function	Y		Y	

Detection method	Four-wire method test
Test current	$\geq 1A$
Open circuit voltage	$\leq 4.2V$
Overload protection	Y
Power	Measuring power $\leq 8W$
power supply	DC 3.7V 2000mAh
Backlight	Controllable gray and white screen backlight suitable for dim places
Display Model	LCD
LCD Size	72 mm \times 55mm
Instrument size	187 mm \times 119 mm \times 50mm
Test line length	About 60cm, red & black 1pcs
measure time	About 2 times/sec
USB interface	With micro USB interface
Communication line	micro USB 1pcs
Data storage	500 groups "MEM" storage indication display "FULL" symbol to indicate storage is full
Data review	Date review function: MR symbol display
Overflow display	Over-range overflow function "OL" symbol display
Battery voltage	Real-time display of battery power, reminding timely charging when battery voltage is low
Automatic shut- down	"APO" indicates automatic shutdown after 15 minutes
Power consumption	Standby about 100mA (backlight off) Turn on backlight about 105mA Measure: 2A Max(backlight off)
Weight	Instrument 480g(including battery) Test line: 250g
Working temperature and humidity	-10°C 50°C: below 80%rh
Storage temperature and humidity	-20°C 60°C: below 70%h
Overload protection	AC 220V/0.0001 second between C1-C2 P1-P2 ports after overload protection you need to restart the meter to test normally
Insulation resistance	More than 10M Ω (Between circuit and case 500V)
Pressure resistance	AC 3700V/rms/Between circuit and case)
Electromagnetic properties	IEC61010-4-3, Wireless frequency electromagnetic fields 1V/m
Suitable for Safety Regulations	IEC61010-1. CAT III 600V Pollution Level 2 JIG724-1991 "Determination of Direct Current Digital Ohmmeter" JJG166-1993 "Dialect Resistor Verification Regulation". "DLIT967-2005 Loop Resistance Tester and DC Resistance Fast Tester Verification Procedures