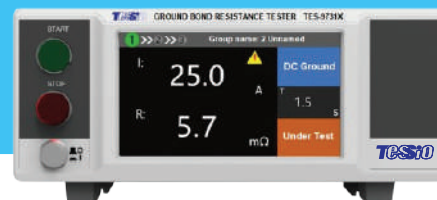


Electrical Safety Tester

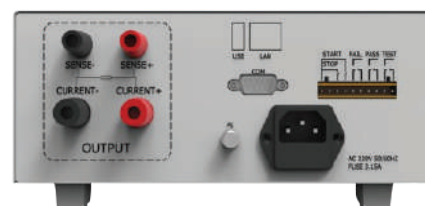
AC Ground Bond Resistance Tester TES-9731X

Product description:

TES-9731X is AC grounding resistance analyzer has 200VA output capacity, AC grounding constant current output, 4-terminal test, the whole machine size is 2U/half width, depth is about 275mm, compact and light, accurate, efficient, reliable and stable, rich interfaces, can meet the strict test requirements of new energy vehicles, electronic components, power electronics products, aerospace products, household appliances, audio and video equipment, medical equipment.



TES-9731X



Features

- Basic accuracy 2%.
- Output current 32A AC, test resistance 0.001 ~ 0.600Ω
- Built-in 100 test groups, each group supports 50 steps.
- The whole machine adopts high-frequency power electronic conversion topology, stable output, extremely light.
- User authority setting: built-in password function distinguishes different levels of users.
- External interface standard RS232 and USB, LAN and other interfaces are option.

Ordering Information

TES-9731X : 32Aac Ground Bond Resistance Tester

Standard Accessories :

- User Manual
- Power cord
- Test leads
- Test report

Specifications

Model		TES-9731X
AC Ground Bond Resistance Test		
Output Current Upper Limit Imax		32A
Rated Test		Maximum current Imax, Maximum resistance 600mΩ, Open circuit voltage below 12V
Output Current		Range : (2.0A ~ 32 A) AC, resolution : 0.1A, Accuracy : $\pm(2\% \times \text{set value} + 2 \text{ digits})$
Current Fluctuation		$\leq 0.4\% \times \text{set value} / \text{minute}$
Output Voltage		Range : (3.0 ~ 6.4) VAC, resolution : 0.01V, Accuracy : $\pm(2\% \times \text{set value} + 2 \text{ digits})$
Output Frequency		50Hz/60Hz, accuracy : $\pm 0.1\text{Hz}$
Resistance Measurement		Range : 1.0 ~ 99.9mΩ, 100 ~ 600mΩ, resolution : 0.1/1mΩ Measurement error : $< 100\text{m}\Omega, \pm(2 \times \text{reading value} + 2\text{m}\Omega), \geq 100\text{m}\Omega, \pm(2\% \times \text{reading value} + 2\text{m}\Omega)$
Resistance Compensation		0 ~ 100mΩ
Testing Time		Range : 0, (0.5 ~ 999.9)s, 0 is infinite, resolution : 0.1s, Accuracy : $\pm(1\% \times \text{set value} + 1 \text{ character})$
General System Specification		
Installation Location		Indoor, altitude not higher than 2000meters
Operation Environment	Temperature	0 ~ 40℃
	Humidity	40℃, (20% ~ 90%RH)
Storage Environment	Temperature	-10℃ ~ 50℃
	Humidity	50℃, 90%RH, 24h
Input Power		AC 220V $\pm 10\%$, 50Hz $\pm 5\%$, 10A
Power Consumption	Full Load	Less than 20W
	No Load	Less than 600W
Dimension (WxHxD mm.)		215(W)x132(H)x370(D)
Weight		About 4.5kg.