

Electrical Safety Tester

High-power AC Withstanding Voltage Tester TES-9711H

Product description:





- The whole machine adopts high-frequency power electronic conversion topology, stable output, extremely light;
- Built-in fast rise + slow rise test function in accordance with IEC60601/GB9706.1 standard requirements;
- Built-in 100 test groups, each group supports 50 steps.
- Arc detection function: built-in arc detection function based on waveform recognition, internationally unique, anti-interference, high accuracy
- User authority setting: built-in password function to distinguish different levels of users
- External interface: standard RS232, PLC/HANDLER and other interfaces.
- · Anti-electric shock protection function: built-in leakage protection function, response speed uS level;
- Quick test: test step delay <50mS

Q) Specifications

Output Frequency Output Adjustment £(1.5% × set value +5V), no load to full load Waveform Distortion Sine wave, <1.5% (resistive load) Ramp Up-Down Time Range: 0, (0.1 ~ 999.9)s, Resolution : 0.1s Test Time Range: 0, (0.5 ~ 999.9)s, Resolution 0.1s, Error: ±(1% × set value + 1 word) Arc Detection Current Compensation Interface RS232, PLC/Handler General System Specification Installation Location Operation Environment Temperature Humidity 40°C,(20% ~ 90%RH) Temperature Humidity Fore, 90%RH, 24h Input Power Power Consumption Full Load No Load Dimension (WxHxD) Full Load Less than 550W Dimension (WxHxD) Storage Environment Full Load Less than 550W 280x120x480mm.	Model		TES-9711H
AC Voltage Measurement Range Output Frequency Output Frequency Output Adjustment Maveform Distortion Ramp Up-Down Time Test Time Range: O, (0.1 ~ 999.9)s, Resolution: 0.001/O.lmA, Error: ±(1.5% × reading value +5 characters) Range: O, (0.5 ~ 999.9)s, Resolution: 0.001/O.lmA, Error: ±(1.5% × reading value +5 characters) Output Adjustment Waveform Distortion Sine wave, <1.5% (resistive load) Ramp Up-Down Time Range: O, (0.1 ~ 999.9)s, Resolution: 0.1s Test Time Range: O, (0.5 ~ 999.9)s, Resolution: 0.1s Range: O, (0.5 ~ 999.9)s, Resolution: 0.1s Rouge: O, (0.5 ~ 999.9)s, Resolution: 0.1s Fine Compensation Interface RS232, PLC/Handler General System Specification Installation Location Operation Environment Temperature Humidity A0°C,(20% ~ 90%RH) Temperature Humidity Foo*C, 90%RH, 24h Input Power Power Consumption Full Load No Load Less than 550W Dimension (WxHxD) Dimension (WxHxD) Dimension (WxHxD) Dimension (WxHxD) Dimension (WxHxD) Full Load No Load Dimension (WxHxD) Oon 100,00mA, Resolution: 0.0001/O.lmA, Error: ±(1.5% × reading value +5 characters) Oon 100,00mA, 200 - 100,00mA, 200 for less (vestive load) Resolution: 0.0001/O.lmA, Error: ±(1.5% × reading value +5 characters) Oon 100,00mA, 200 - 100 do to full load Elss than 550W Dimension (WxHxD) Oon 2,0001/O.lmA, Error: ±(1.5% × reading value +5 characters) Oon 2,0001/O.lmA, Error: ±(1.5% × reading value +5 characters) Oon 3,0001/O.lmA, Error: ±(1.5% × reading value +5 characters) Oon 3,0001/O.lmA, Error: ±(1.5% × reading value +5 characters) Oon 3,0001/O.lmA, Error: ±(1.5% × reading value +5 characters) Indoor, altitude not higher than 2000 meters O ~ 40°C Humidity O ~ 40°C Humidity O ~ 50°C O ~ 40°C O ~	Rated Output Capacity		500VA, short-circuit current greater than 200mA
Current Measurement Range O.010 ~ 3.500mA, 3.00 ~ 100.00mA, Resolution : 0.001/0.1mA, Error : ±(1.5% × reading value +5 character of the component of the comp	AC Voltage Output Range		50 ~ 5000 V, Resolution : 1 V, Error : ±(1.5% × set Value +5 V)
Output Frequency Output Adjustment ±(1.5% × set value +5V), no load to full load Waveform Distortion Sine wave, <1.5% (resistive load) Ramp Up-Down Time Range: 0, (0.1 ~ 999.9)s, Resolution : 0.1s Test Time Range: 0, (0.5 ~ 999.9)s, Resolution : 0.1s Test Time Range: 0, (0.5 ~ 999.9)s, Resolution : 0.1s Test Time Range: 0, (0.5 ~ 999.9)s, Resolution : 0.1s Test Time Range: 0, (0.5 ~ 999.9)s, Resolution : 0.1s Test Time Range: 0, (0.5 ~ 999.9)s, Resolution : 0.1s Resolution : 2 (1% × set value + 1 word) Arc Detection Unrent Compensation Interface Resultion Interface Re	AC Voltage Measurement Range		0.050 ~ 5.000kV, Resolution : 0.001kV, Error : ±(1.5% × reading value +5 characters)
Output Adjustment #(1.5% × set value +5V), no load to full load Waveform Distortion Sine wave, <1.5% (resistive load) Ramp Up-Down Time Range: O, (0.1~999.9)s, Resolution: 0.1s Test Time Range: O, (0.5~999.9)s, Resolution 0.1s, Error: ±(1% × set value + 1 word) Arc Detection 1 ~ 9 (9 is the most sentitive), 0 means: arc off function Current Compensation Interface R5232, PLC/Handler General System Specification Installation Location Operation Environment Temperature Humidity 40°C,(20% ~ 90%RH) Temperature Humidity 40°C,(20% ~ 90%RH) Temperature Humidity 50°C, 90%RH, 24h Input Power Power Consumption Full Load No Load Less than 50W No Load Less than 550W Dimension (WxHxD) Full Load Less than 550W 280x120x480mm.	Current Measurement Range		0.010 ~ 3.500mA, 3.00 ~ 100.00mA, Resolution : 0.001/0.1mA, Error : ±(1.5% × reading value +5 characters)
Waveform Distortion Sine wave, <15% (resistive load)	Output Frequency		50Hz/60Hz, accurancy : ±0.1Hz
Ramp Up-Down Time Range: 0, (0.1 ~ 999.9)s, Resolution: 0.1s Test Time Range: 0, (0.5 ~ 999.9)s, Resolution 0.1s, Error: ±(1% × set value + 1 word) Arc Detection Current Compensation Current Compensation Interface RS232, PLC/Handler General System Specification Installation Location Indoor, altitude not higher than 2000 meters Operation Environment Humidity 40°C,(20% ~ 90%RH) Temperature Humidity 50°C, 90%RH, 24h Input Power Power Consumption Full Load No Load Less than 550W Dimension (WxHxD) Range: 0, (0.1 ~ 999.9)s, Resolution: 0.1s Resolution: 0.1s, (10 × set value + 1 word) Route: 1 word: 1 word	Output Adjustment		±(1.5% × set value +5V), no load to full load
Test Time	Waveform Distortion		Sine wave, <1.5% (resistive load)
Arc Detection	Ramp Up-Down Time		Range : 0, (0.1 ~ 999.9)s, Resolution : 0.1s
Current Compensation Interface RS232, PLC/Handler General System Specification Installation Location Operation Environment Temperature Humidity 40°C,(20% ~ 90%RH) Temperature Humidity 50°C, 90%RH, 24h Input Power Power Consumption Full Load No Load Dimension (WxHxD) O000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 0 ~ 40°C (20% ~ 90%RH) 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 0 ~ 40°C (20% ~ 90%RH) 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 0 ~ 40°C (20% ~ 90%RH) 40°C,(20% ~ 90%RH) 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 0 ~ 40°C (20% ~ 90%RH) 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler 1000 ~ 100.00mA, Total current + compensation current < 100mA, automatic RS232, PLC/Handler RS232, PLC/Hand	Test Time		Range: 0, (0.5 ~ 999.9)s, Resolution 0.1s, Error : ±(1% × set value + 1 word)
Interface RS232, PLC/Handler General System Specification Installation Location Indoor, altitude not higher than 2000 meters Operation Environment Temperature	Arc Detection		$1\sim9$ (9 is the most sentitive), 0 means : arc off function
Septem Specification Indoor, altitude not higher than 2000 meters	Current Compensation		0.000 ~ 100.00mA, Total current + compensation current < 100mA, automatic
$\begin{tabular}{ll} Installation Location & Indoor, altitude not higher than 2000 meters \\ Operation Environment & Temperature & 0 \sim 40^{\circ}C & 40$	Interface		RS232, PLC/Handler
Operation Environment Temperature Humidity 40°C,(20% ~ 90%RH) Storage Environment Temperature -10°C ~ 50°C Humidity 50°C, 90%RH, 24h Input Power AC 220V ±10%, 50Hz±5%, 10A Power Consumption Power Consumption WxHxD) Full Load Less than 550W Less than 550W Less than 550W Dimension (WxHxD) 280x120x480mm.	General System Specifica	ntion	
Operation Environment Humidity 40 °C, (20% ~ 90%RH) Storage Environment Temperature -10° C ~ 50° C Input Power AC 220V ±10%, 50Hz±5%, 10A Power Consumption Full Load Less than 50W No Load Less than 550W Dimension (WxHxD) 280x120x480mm.	Installation Location		Indoor, altitude not higher than 2000 meters
Humidity	Operation Environment	Temperature	0~40℃
Storage Environment Temperature Humidity 50°C, 90%RH, 24h Input Power AC 220V ±10%, 50Hz±5%, 10A Power Consumption Full Load Less than 50W No Load Less than 550W Dimension (WxHxD) 280x120x480mm.		Humidity	40°C,(20% ~ 90%RH)
Humidity 50°C, 90%RH , 24h Input Power	Storage Environment	Temperature	-10°C ~ 50°C
Power Consumption Full Load No Load Less than 50W Dimension (WxHxD) 280x120x480mm.		Humidity	50℃, 90%RH , 24h
Power Consumption No Load Less than 550W Dimension (WxHxD) 280x120x480mm.	Input Power		AC 220V ±10%, 50Hz±5%, 10A
Dimension (WxHxD) No Load Less than 550W 280x120x480mm.	Power Consumption	Full Load	Less than 50W
		No Load	Less than 550W
	Dimension (WxHxD)		280x120x480mm.
Weight About 12kg.	Weight		About 12kg.



TES-9711H : 500VA/5kV/100mA AC Withstanding Voltage Tester

Standard Accessories:

- User Manual
- Power cord
- Test leads