

Tester

Resistance Measuring Instrument

SHOETESTER MODEL H0606 Antistatic Shoe Leakage Measuring Instrument



Main Features

The SHOE TESTER is a dedicated measuring instrument that measures the electrical resistance of antistatic shoes designed to eliminate static electricity from the human body, while the shoes are being worn. To perform measurement, the person wearing the shoes stands on the base and operates the instrument simply by pressing the touch panel with one finger.

A resistance of 100 MΩ or less to ground is required to eliminate static electricity from the human body, and at least 0.1 MΩ is desired for the prevention of electrical shock. Since the resistance of the shoes will vary depending on the temperature and humidity, dirt on the shoe soles, and friction, periodic measurement and maintenance is required.

- The main unit and measurement plate are provided as separate units, and the main unit can be mounted on the wall, placed on a table, or integrated with the stand as required.
- If the measured value exceeds the upper limit or drops below the lower limit, an alarm lamp lights and a buzzer sounds. The upper and lower values can be quickly and accurately set to any desired values. The setting panel is normally covered, and setting operations restricted to the administrator.
- The buzzer can be switched to ON or OFF.
- A 1-MΩ check function is built in.

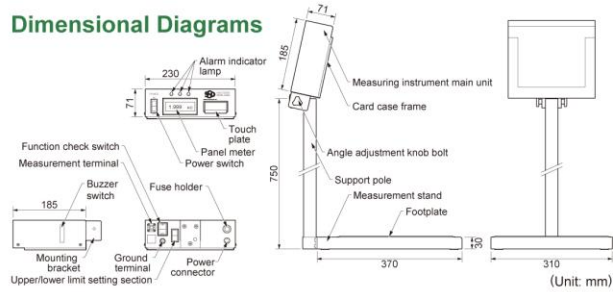
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Application Example

- Semiconductor manufacturing plants
- Paint plants
- Plants where hazardous products such as solvents or powder are handled and the wearing of antistatic shoes is required.

Dimensional Diagrams



Model	H0606	
Measurement method	Resistance measurement using a transistor DC converter, analog comparison method	
Measurement voltage	250 VDC	
Measurement accuracy	+5% of rdg +4 digits	
Measurement range	0.00 to 199.9 MΩ	
Display	3-1/2 digit red LED display, automatic decimal point setting	
Limit settings	Upper limit value	Can be freely specified in the 0.00 to 199.9 MΩ range
	Lower limit value	Can be freely specified in the 0.00 to 199.9 MΩ range
Alarm		The green lamp is lit during normal recording
Alarm	Upper limit value	The red lamp lights and a buzzer (with on/off switch) sounds
	Lower limit value	The red lamp lights and a buzzer (with on/off switch) sounds
Function check	Ohm check switch, 0.95 to 1.05 MΩ	
Battery check	Push-button method	
Power supply	100 VAC only	
Operating Environment	0 to 40°C	
Dimensions	Main unit:	230×185×71 mm (W×H×D)
	Measurement stand:	320×320×23 mm (W×H×D)
Weight	Main unit: 1.9 kg; Measurement stand: 2.0 kg	