

Specification and Picture

Ball Pressure Tester IEC60950-1 HTE-006



Ball Pressure Tester .It is used for testing the heat resistance of the electrical enclosure and external parts which are made up with the insulating materials. It is applicable to electrotechnical equipment and its subassemblies and components. It is also used for solid electrical insulating materials except ceramics. In this test, a conditioned specimen is placed on a preheated support and subjected to a force of 20N applied through a 5mm steel ball. The test stand, specimen and loading device are then kept in an oven at an elevated temperature for an hour. After the hour, the loading device is removed from the sample, the sample is cooled and any indentation is measured. It is important to assure that the test stand has reached a stable elevated temperature as required by the test.

Instructions

The ball pressure test is to press the copper ball (R25mm) and the ball pressure tester with a total test of 20N02N on the surface of the test product in a horizontal state and placed in a heating box,After

60min+2min/0min at the specified temperature of the sample, quickly (<10s) immerse the sample in 20C5C water to cool for 6min, take it out of the water and measure the diameter of the indentation on the surface of the sample within 3min, depending on whether the diameter of the indentation exceeds 2mm Evaluate the heat deformation resistance of the test sample at the specified temperature

1. According to the test requirements, first put the ball pressure test device in the heating box for a long enough time to ensure that the ball pressure test device has reached a stable test temperature before the test starts
2. Place the test part on the support base so that it is in direct contact with the support base.
3. Place the surface of the test part in a horizontal position and press the steel ball against the surface. The test is carried out in a heating chamber at the temperature specified by the standard
4. After the test reaches the time specified in the standard, remove the ball from the sample, and after cooling according to the requirements specified in the standard, measure the diameter of the indentation of the steel ball to determine whether it is qualified.

Features

1. ball holder with bore and clamping screw for the bow
2. Precision 5mm pressure ball
3. Thermocouple for the test stand
4. Nickel plated steel materials for good thermal stability
5. Original manufacturer, high quality, beautiful price
6. Total test force 20N \pm 0.2N: national standard accuracy requirement +1%: we do +0.3%
7. The steel ball protrudes reasonably and can be replaced; the overall product process is good without burrs
8. Manufacturing material: made of all 304 stainless steel

Model	HTE-006
Ball Diameter:	Ø5mm \pm 0.05mm (R2.5mm)
Ball Pressure	20N \pm 0.2N (includes loading device and ball)
Test Stand	100mm high x 50mm diameter, solid stainless steel cylinder hole diameter: 1.2mm
Material:	Stainless steel
Ball	hardened steel
Test state length, width and height	270mm*50mm*150mm
Package Size	330mm*260mm*80mm
Net Weight	3.5KG
Gross Weight	4.5KG

Standard: IEC60695-10-2, IEC 60884-1 figure 37, IEC60320-1, IEC60335-1, IEC60598-1, IEC60950-1.

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Company Profile

Dongguan Hust Tony Instruments(HTI) is located in high & new tech development zone, Songshan Lake, Dongguan City. Also **Tony International (HK) Co., Ltd** is our private-owned cooperation in HK.

By supporting from Mechanical CNC and Software R&D core team of DG-HUST Manufacturing engineering institute. HTI specializes in producing and R&D for furniture testing machine, textile testing machine, toys testing equipment, Vehicle Testing Equipment. Continue



the advanced design technology and concept, excellent

technology of producing and outstanding system of quality management, HTI aims at "manufacture carefully, service by heart", devoting the best products, counseling and service to

schools, manufacturing enterprise, and third party testing industry.

Up to today HIT products spread to countrywide users. We take pride in having a long list of satisfied customers, who always look up to us for their various requirements. Most of our

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The quality proves value, the effort brings success

What you concerning is we are struggling all the time.....

