

HSTC-200C Vertical Flammability Testing Machine



Picture Just for reference

Application:

The intelligent vertical combustion tester is designed and manufactured according to the requirements of IEC60950-1, UL94, IEC60707, IEC60695-2-2, GB5169, ISO1210 and other standards. It is to measure the degree of damage of the sample as well as the linear burning rate and afterflame/afterglow time of the sample. Used to conduct horizontal and vertical flammability tests on rubber or plastic material parts of electrical equipment and appliances. The product box shell is spray-coated iron plate and equipped with a transparent observation window. The combustion, afterflame and afterburning time are integrated into the touch screen display. The device has beautiful appearance, easy use and reliable performance. Test products include: flame retardant performance tests on plastic parts on wires and cables, electrical appliances, and electrical products, engineering plastics, and rubber materials.

Parameters:

1. Control method: Taiwan Weilun touch screen (7-inch color screen) + PLC;
2. Operation type: electronic remote control;

3. Bunsen burner lamp holder: diameter $9.5\text{mm} \pm 0.5\text{mm}$, length from the air inlet upwards is about 100mm;
4. Burner angle: $0 \sim 45^\circ$ (manual adjustment, with scale);
5. Ignition bedding board: standard medical cotton;
6. Combustion gas: 98% methane standard gas or $37\text{MJ}/\text{m}^3 \pm 1\text{MJ}/\text{m}^3$ natural gas or propane (self-prepared gas);
7. Gas flame temperature gradient: from $100^\circ\text{C} \pm 2^\circ\text{C}$ to $700^\circ\text{C} \pm 3^\circ\text{C}$, it takes $44\text{s} \pm 2.0\text{s}$ or $54\text{s} \pm 2.0\text{s}$ or according to the customized standard requirements (need to be verified with a temperature calibration device);
8. Temperature calibration verification device: imported instrument automatic control, equipped with $\phi 5.5\text{mm}$, $1.76 \pm 0.01\text{g}$ or $\phi 9\text{mm}$, $10.00 \pm 0.05\text{g}$ standard copper head (optional parts not recommended);
9. Thermocouple for temperature calibration verification: $\phi 0.5\text{mm}$, K type, imported insulated high temperature resistant armored thermocouple (optional);

HST GROUP Co., LTD.

NO. 4915, West Jingshi Road, Jinan 250012, PR CHINA.

Tel: +86-159 1008 1986

www.hssdgroup.com - e-mail: admin@hssdtest.com