



Building Material Ignitability Apparatus

This instrument is designed according to ISO11925-2, which is used to test building material under conditions in the absence of external radiation to direct impact of vertically placed samples with a small flame to determine the flammability of building products.

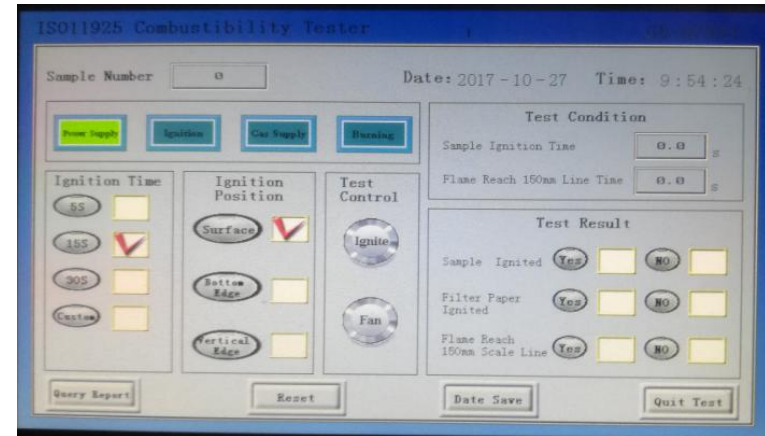
Model:SIT-T

I. Main feature

1. Box paint treatment, beautiful;
2. The combustion chamber dimensions: length 700mm X width 400mm X high 600;
3. The flame height can be adjusted, automatic ignition;
4. The flame burning application time and hold time can range from 0 to 99 minutes 99 seconds regulation;
5. Combustion angle: 0°(vertical), 45°
6. The burner can be moved in a horizontal direction;
7. Glass doors for easy observation test;
8. All fixtures are made of stainless steel; beautiful and corrosion;
9. Equipped with two types stainless steel sample holder, with flame height measuring;
10. High degree of test automation, test data accurate, easy to operate.

II. Control system

- Programmable Logic Controller (PLC) Control:
- Automatic timing, automatic detection of the flame, automatic ignition, ignition abnormal protection;
- LCD touch screen display;
- Real-time monitoring of experimental data, queries six samples of experimental data, query alarm content.



The screenshot shows the ISO11925 Combustibility Tester control interface displaying a table of experimental data. The table has the following columns: Sample Number, Ignition Time (s), Ignition Position, Whether Sample Ignited, Filter Paper Ignited, Flame Reach 150mm Scale Line, and Flame Reach 150mm Line Time (s). The data is as follows:

Sample Number	Ignition Time (s)	Ignition Position	Whether Sample Ignited	Filter Paper Ignited	Flame Reach 150mm Scale Line	Flame Reach 150mm Line Time (s)
0	15.0	SURFACE/EDGE	YES	NO	YES	5.5
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0
0	0.0					0.0

At the bottom of the table are buttons for 'Data clear', 'Data Export', and 'Return'.