FANYUAN INSTRUMENT (HF)CO.,LTD.
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DW0670 MULTI-FUNCTIONAL FLAMMABILITY TESTER

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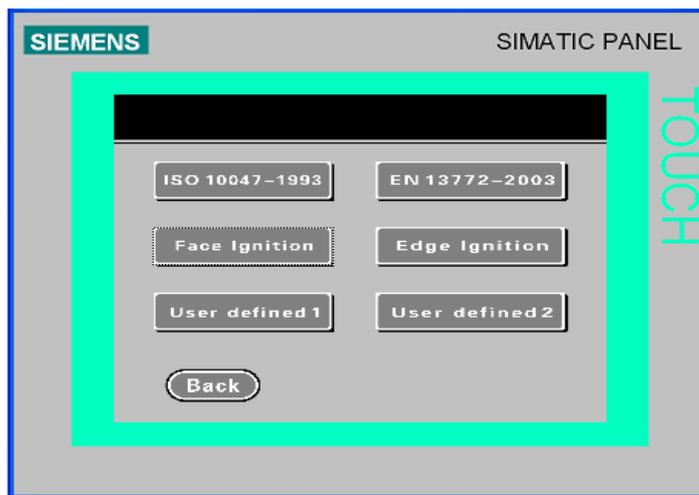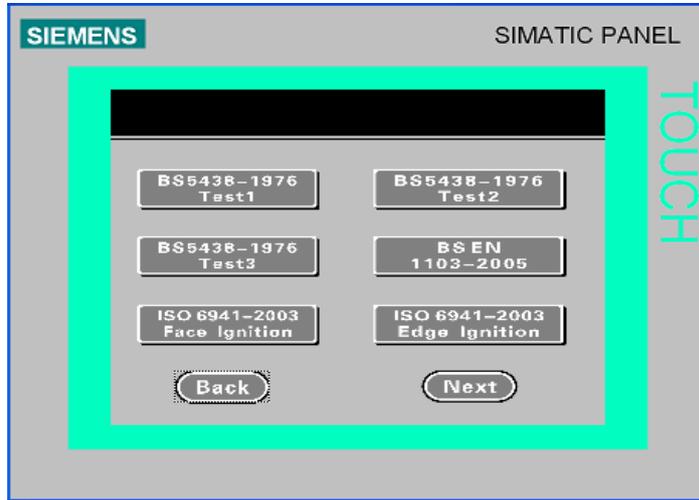
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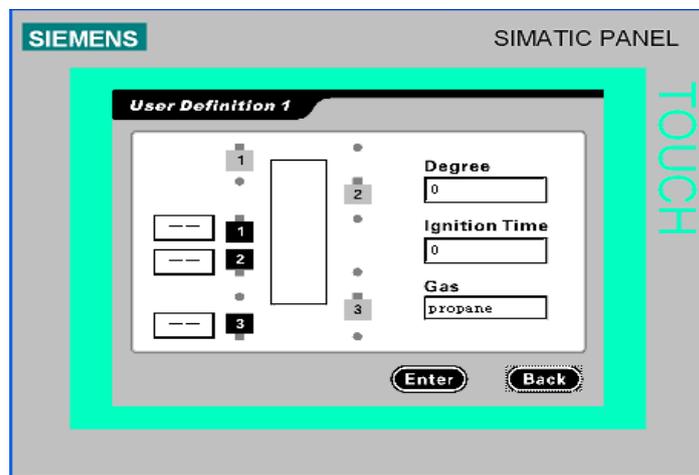
Interface of Customization

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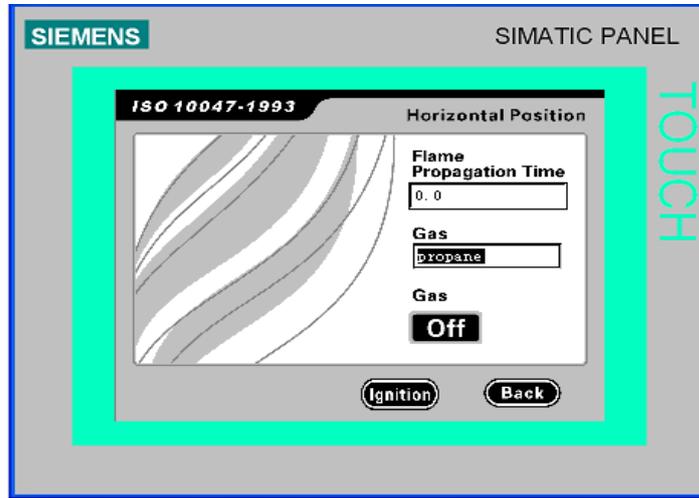
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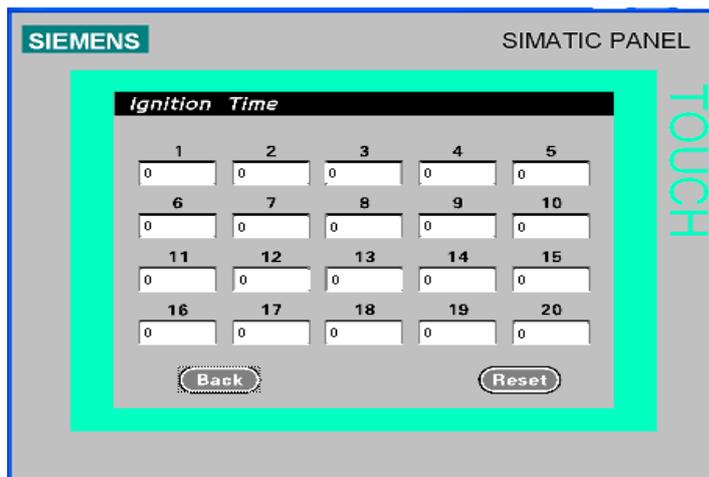
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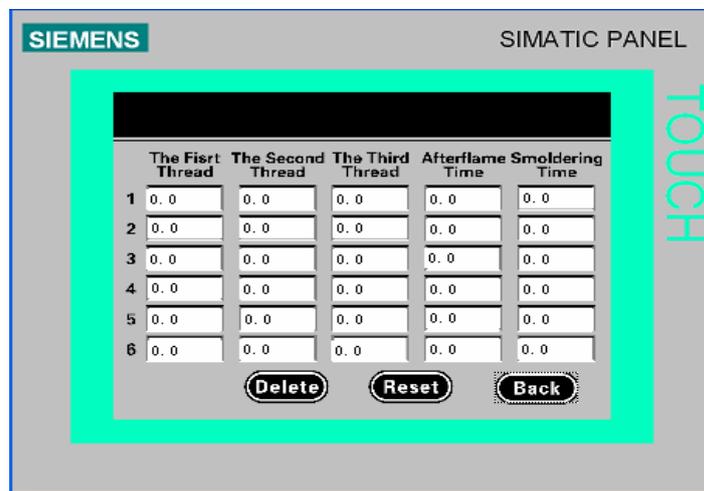
Interface of Test Reports

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Model No.

DW0670

Application

DW0670 Multi-functional Flammability Tester is not only used to determine the flammability of vertically oriented fabrics or their components by igniting them on the edge or at the bottom, but also to determine the resistance of fabrics for pajamas, purdah, curtain, protective clothing and so on. It conforms to various domestic and foreign standards.

Standards

Standards	ISO 6940(1995)	BS 5438(1976)	BS EN1103
	ISO 6940(2004)	BS 5438(1989)	BS EN 13772
	ISO 6941/ISO 15025	BS 5722	AS 2755.(1~3)

Note: this tester can conform to but not limit to the standards above, for more standards conformance, please contact us.

Features

- Floor-type and touch screen control panel, convenient for the user to operate;

- Large main frame, equipped with various pin frames for all different standards;

- Roller screw for moving the igniter forward and backward and a knob for adjusting the vertical position of the igniter;

- Dial for monitoring and controlling the rotary angle of igniter;

- Measuring ruler for detecting the vertical height of flame;

- Step motor for driving the igniter to move;

- Precise position system for controlling the angle of igniting device with the accuracy of 0.18°;

- Intuitive human-to-machine interface and PLC control mode;

- Built-in various standards, such as ISO 10047, BS EN 13772, BS 5438 Test 1, Test 2 and Test 3, BS EN 1103, ISO 6941 and so on;

- The user can also defines the standard according to requires;

- Controllable structure of the supporting arm and hang the control box with the maximum rotary

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angle of 360° on the wall, more convenient for the user to operate;

● One-button ignition and the ignition time is settable, with the accuracy of 0.1s;

● Freely-adjustable rotary angle of the igniter, controlled and monitored by the dial;

● Air sources (Propane and Butane) can be switched freely through the software;

● Precise pressure regulating valve for adjusting the height of flame;

● Sensitive switch for automatically recording the flaming time of specimens;

● Be applicable to determine the after-flame time, damaged length, the flame-spread rate of costumes and any other fabrics;

Key Specifications

● Rotary angle of igniter   0~90°, adjustable

● Range of timer   0~999.9s

● Ignition time   0~99.9s, settable

● Accuracy of ignition time   0.1s

● Power supply   AC220V 50Hz

● Dimensions   700×970×1750mm (W×D×H)

● Gross weight   Approx. 120kg

Standard Configurations

No.	Item	Quantity
1	Main machine	1set
2	Touch-screen controller	1set
3	Pin frame	6pcs

Optional Accessories

NO.	Item