Flammability Tester


ST-410H


ST-410V


ST-410D


ST-410HW

Application

- Fiber, Leather, Plastic, PV etc.

Feature

- This equipment is a tester to inspect flammability of interior materials of automobiles and in · exterior construction materials such as synthetic resin, plastic, urethane etc.
  This equipment is divided into horizontal, vertical and 45 ° (Degree) types according to the direction of burner by size.
  Horizontal type is manufactured based on the FMV SS302, the standard for interior materials of automobiles.
  As automatic ignition method is selected for smooth gas supply (ignition), it has excellent safety as it is extinguished automatically (Solenoid) when door is opened.

Standard

- FMV SS302, UL-94, JIS D1201, KS K0582, ASTM D1692/4986, ISO 3582

Technical Specification

Model	ST-410H	ST-410V	ST-410D
Angle of Burner	Horizontal type	Vertical type	Degree Type (45 °)
Sample	Polyurethane, soft rubber, interior materials of automobile, hard urethane, plastic sheet	Printing circuit board, heating wire, interior construction materials, electric wire conduit	Interior construction materials, fiber, carpet, wallpaper, plastic sheet
Buner	Bunsen Burner, Wing Burner	Bunsen Burner	Air Max Burner, Mackel Burner, Micro Burner
Timer	5 digital random setup, automatic locking system, Number of timer differs according to the size		
Material	Applied SUS 304 and 306 (main body)		
Weight	10kg	20kg	30kg
Safety Device	Auto Lock Valve / 2 Step Gas Gauge		
Ignite	Auto Ignite Type		
Dimensions	400W × 200D × 550H (mm)	720W × 350D × 720H (mm)	850W × 380D × 800H (mm)
Power	AC 220V / 50HZ, 60Hz		
Standard	JIS D 1201, FMV SS302, ISO3582, ISO3795, UL-94,BS-2782, 4735, ASTM D5132, 4986, 1692	ASTM D3014, UL-94, DIN4102,KS K ISO6940, KS L 1091, CF 117	JIS L 1091, UL-94, KS K 2619

Model	ST-410HW
Burner	Original Bunsen Wing Burner (USA)
Test Angle	Horizontal Type
Sample	Foamed plastic, urethane foam, polystyrene
Standard	KS M ISO9772, ASTM D4986
Dimensions	550W x 350D x 420Hmm, 20Kg