FMVSS 302 Horizontal Flammability Tester

Product Information

Horizontal Flammability Tester, to determine the comparative burn rates and burn resistance of textiles, particularly those for automotive interior use. Horizontal flammability tester is safe and easy to operate, Comprises draft free stainless steel cabinet with observation window, sample holder and door mounted burner.
Automatic gas and timing control system including solenoid control gas valve and automatic ignition timer and controls.

The gas source of the test flame is gas or liquefied petroleum gas (it is recommended to select a gas with better temperament if conditions permit);

Testing Standards: FMVSS 302

Feature:

The tester consists of an experimental part and a control part with an integrated design to facilitate on-site installation and commissioning.

The test chamber casing and important parts are made of stainless steel, which is resistant to smoke and gas. The control system is highly automated and has an automatic ignition function.

Temperature and time digital display, convenient observation and record, stable and reliable use

Specifications

Fire nozzle diameter	9.5mm
Fire height	38mm+/-2
Sample clamp	360x100mm
Interior Dimension	330x50mm
The sample below	25mm Pitch between metal wires is 25mm
Marked line	Starting point 38mm/End point 292mm from Igniting point
Distance from Nozzle to Sample	19mm
Power	220 /110 V 50/60 Hz 2 A
Weight	25 Kg
Dimension for the flammability chamber	381mm×203mm×356mm
Dimensions	650×240×400 mm (LxWxH)

Please review video of the Horizontal Flammability Tester operation as below link:

https://youtu.be/IsOBffM3P-A