

Flammability Test Chamber



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Analytical Technologies Limited

An ISO 9001 Certified Company

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►► Flammability test set up as per UL 94

Flammability as per as UL 94 Horizontal & Vertical position and ASTM D 635 Standard.

0.75 cubic meter chamber with glass door, fan, M.S. powder coated, burner Dia 9.5 and one Needle flame burner with S.S. stand adjustable, regulator, Manometer, flow rota meter, 300 MM steel scale withstand, sample mounting stand height adjustable sample relies from flame mechanism.

EXTRA: Calibration thermocouple 0.5 Dia with copper tip and Temp. Indicator, Scale only.

Note: Gas cylinder arrange by you.

Power Supply: 220-240 Vac 50-60Hz, Single Phase

Size: 750 x 1550 x 1350 (W X H X L)

►► Flammability Test Apparatus

Requirement	60695-11-3	60695-11-3
	Method A	Method C
Burner	fig A1 to A3	Fig B1 to B4
Flow meter gas	965ml/min at 0.1MPa at 23 deg °C	965ml/min at 0.1MPa at 23 deg °C
Flow meter Air	-	6.3 ml/min & 5.9 ml/min at 0.1MPa
manometer	0kPa to 7.5kPa	0kPa to 7.5kPa
Control valve	Yes	Two
Copper block	9mmDia, 10gms, Fig 4	9mmDia, 10gms
Thermocouple	class1, 0.5mmDia, up to 1050 deg °C	class1, 0.5mmDia, up to 1050 deg °C
Temperature indicator	100 to 700 deg °C	100 to 700 deg °C
Fuel Gas	Methane	Methane
Chamber	0.75m ³	0.75m ³
Scale		
Wire Gauge		
Micrometre		

Requirement	60695-11-4	60695-11-10	
		Figure -11-10	
Burner	fig A1 to A3 (same as 60695-11-3)	fig A1 to A3 (same as 60695-11-3)	35mm long tube, bore 0.5mm, outer Dia0.9mmFig1a
Flame	height 18-22mm		figure 6
Flow meter gas	105ml/min at 0.1MPa at 23 deg °C		
Flow meter Air	-		
manometer	0kPa to 7.5kPa		
Control valve	Yes		
Copper block	5.5mmDia, 1.76gms, Fig 1		Fig 3, 4mmDia, 4.58gms
Thermocouple	class1,0.5mmDia, up to 1050 deg °C		class1,0.5mmDia, up to 1050 deg °C
Temperature indicator	100 to 700 deg °C		100 to 700 deg °C
Fuel Gas	Methane		butane/propane
Chamber	0.75 ³	0.75m ³	0.75m ³
		resolution 1mm	

Regulatory compliances



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Analytical
Foundation

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