



FLAMMABILITY METER



DESIGN AND PRODUCTION OF
INSTRUMENTS AND APPARATUS
FOR QUALITY CONTROL
ON MATERIALS



These instruments are made in
compliance with CE health and
safety requirements



Flammability Meter - code 6153.000

This instrument is designed for performing flammability tests of plastic materials and foams used for parts in equipment and appliances. The results obtained are a preliminary indication of the material's suitability with respect to flammability for a particular application.

Also, information other important characteristics in the end-use application can be obtained such as ease of ignition, burning rate, flame spread, intensity of burning, and products of combustion.

Standards

Designed and built to meet the following standards:

ASTM D 635, UL 94, and other equivalents.

The burner has been manufactured according to ASTM D 5025.

Technical data

- Burner according to ASTM D 5025
- Burner Wing Tip for tests on foam according to ASTM D 4986
- Manometer and flow meter for gas regulation
- Slides for burner positioning (horizontal and vertical) operated from outside by means of heat resistant gloves
- Stopwatch with electronic display of 3 consecutive time measurements. Activated with a foot pedal for hands-free operation.
- Exhaust fan to remove products of combustion (60m³/hr)
- Specimen support for HBF (Horizontal Burning Foamed Material) tests HF-1 and HF-2 according to the UL 94 standard
- Specimen support for HB (Horizontal Burning) tests, according to the UL 94 and ASTM D 635 standards
- Specimen support for MVB (Material Vertical Burning) tests VTM-0, VTM-1 and VTM-2 according to the UL 94 standard
- Specimen support for VB (Vertical Burning) tests V-0, V-1, V-2, 5VA, and 5VB according to the UL 94 standard
- Tilting support for rigid specimens HB (Horizontal Burning) tests according to the UL 94 and ASTM D 635 standards

Technical Characteristics	
Overall dimensions (LxDxH) [mm]	900 x 750 x 1100
Weight [kg]	80
Supply	230 V - 50 Hz - Single phase (110 V - 60 Hz on request)
Power [W]	50
Paint	fuchsia RAL 4006 - gray RAL 7035

"Due to the continuous development policy of CEAST's Research and Development Department, changes may be introduced without notice"



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