



EQUIPMENT FOR TESTING WITH 1 kW RATED PRE-MIXED FLAME

This equipment allows to determine the behaviour of the materials subordinate to fire hazard duplicating exactly the conditions occurring in practice.

It is applied to the electrotechnical products, to their sub-assemblies and components and to solid electrical insulating materials or other combustible materials.

Realized according to the Standards: IEC 60695-11-2 – IEC 60695-2-4/1



DESCRIPTION:

- Device made up of two separate units, the burner where gas mixing and combustion take place, and a cubicle containing all instruments for checking and adjusting
 - Burner in accordance with fig. A1 to fig. A5 inclusive
 - Cubicle containing the measure and capacity instruments made in iron sheet, painted RAL 7032
 - Multi gas and multi range mass flowmeter used for Propane with digital display and embedded adjusting valve with the following features:
 - Measuring range : 0 ÷ 1000 mL/min. (Range 2)
 - Accuracy degree : ± 2% RD
 - Multi gas and multi range mass flowmeter used for Air with digital display and embedded adjusting valve with the following features:
 - Measuring range : 0 ÷ 20 L/min. (Range 4)
 - Accuracy degree : ± 2% RD
 - Pressure regulators complete with pressure gauge for air and gas
- Inlet and outlet connections with rubber holders Ø 8 mm positioned on the rear part
 - Connection of the instruments is carried out according diagram A.6 of the Standard
 - Thermocouple type "K" diam. mm 0.5 complete with copper block diam. 9 mm with mass 10 ± 0,05 g. provided with column support for detecting the flame temperature according to fig. A7
 - Dimensions in mm: length 400 – depth 400 – height 830
 - Weight in Kg: 30
 - Connections to the mains: 110-230 V. – 50-60 Hz.

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VERSION WITH WATER COLUMN MANOMETERS

DESCRIPTION:

- Cubicle containing the measure and capacity instruments made in iron sheet, painted RAL 7032 provided with revolving wheels with brake
- Two water column manometers having the following specifications:
 - Measuring range : 0 ÷ 1000 mm w.c.
 - Measuring scale length: 1000 mm
- Dimensions in mm: length 660 – depth 660 – height 1750
- Weight in Kg: 75
- Connections to the mains: 110-230 V. – 50-60 Hz.



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