

THERMOMETRY

DO 160V

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SCOPE

The device is used to test the flammability of non-metallic materials used in aviation cabins and cargo holds.

PRINCIPLE

A specimen clamped in a U-shaped holding frame is exposed vertically to a defined flame for a defined time and thus ignited.

The test determines the length of the burned area and whether and how long the specimen burns. It is also recorded whether burning material detaches from the specimen and falls off, and how long the burning time of the fallen-off parts is.

FEATURES

The combustion chamber is made of stainless steel, making it resistant to aggressive combustion products and easy to clean.

COMPONENTS

Combustion chamber with burner and fine control valve
Specimen holder
Flame gauge
Handheld stopwatch

Combustion chamber (w x d x h): 315 x 330 x 825 mm*
Weight: approx. 30 kg*
Installation area (w x d): approx 700 x 400 mm*

SUPPLIES

Methane, > 99 % purity, inlet pressure 500 mbar, hose connection 6 mm

GAS VALVES AND CONTROLLERS

Fine control valve, mechanical

TO BE PROVIDED BY THE CUSTOMER

Fume extraction system

* Our products are constantly being further developed. For this reason, the actual dimensions may vary.