

UL 1581

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SCOPE OF DELIVERY

Test chamber made of anodized aluminum with

- ♦ Rotatable, longitudinally adjustable stand with specimen holder horizontal, specimen holder vertical and burner unit
- ♦ 2 doors, the upper one with viewing window
- ♦ 2 handles
- ♦ Flow regulator gas with electronic flow measurement and mechanical flow control
- ♦ Pressure regulator gas mechanical
- ♦ Pressure indicator gas electronic
- ♦ Timer
- ♦ Electric fan
- ♦ Chamber lighting

Cable remote control

Calibration device according to ASTM 5207

Flame gauges

DIMENSIONS

Depth x width x height: approx. 1410 x 1660 x 2500 mm*

Weight: approx. 600 kg

Exhaust air connection DN 200

SUPPLIES

Methane, purity > 98 %

Electric current 230 VAC

SCOPE

The testing device is used to determine the flame propagation through electrical cables and wires.

PRINCIPLE

Vertically oriented test specimen

The cable under test is exposed to a 500 W flame (125 mm high) three times for 60 seconds with an interval of 30 seconds. This determines whether the flame is propagated longitudinally.

Horizontally oriented test specimen

The cable under test is exposed to a 225 W flame (50 mm high) for 30 seconds. This determines whether the flame is propagated longitudinally.

The tests provide information on whether the specimens leak or release emissions into the environment during flame impingement.

FEATURES

Tool-free conversion between vertical and horizontal test arrangement due to rotatable stand

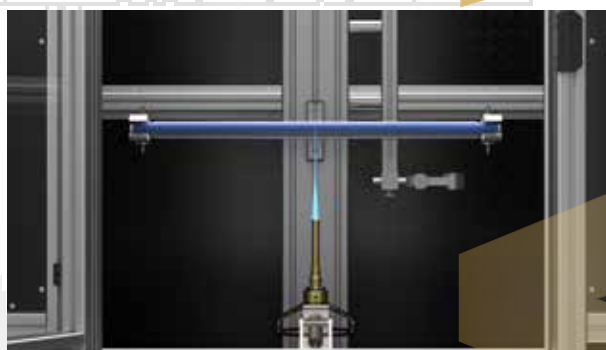
Electronic timer

Electronic flow meter

Exhaust fan

Chamber lighting

Cable remote control Timer



TO BE PROVIDED BY THE CUSTOMER

Exhaust air system

* Our products are constantly evolving. For this reason, the actual dimensions may differ.

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