# HERMOMETRY

# ECE 118 Annex 8

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Test device, consisting of test chamber, burner and specimen holder, fine adjustment valve propane, shutoff valve propane, electronic stop watch Control unit Burner movement Specimen holder

Drip tray

2 adjustment tips

Flame gauge

#### **DIMENSIONS**

Width x depth x height: 880 x 950 x 2030 mm\* Weight: approx. 125 kg\* Exhaust air connection DN 200

#### **SUPPLIES**

Commercial propane gas, inlet pressure 50 mbar (Pressure reducer mandatory)
Electric current 230 VAC 50/60 Hz, 500 VA

#### TO BE PROVIDED BY THE CUSTOMER

Exhaust air system on installation site

#### **SCOPE**

The test device enables tests of textile materials in reaction to a short contact with a small flame.

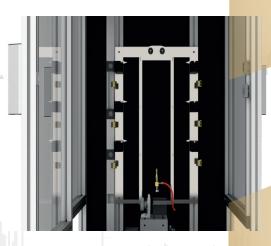
## **PRINCIPLE**

The test specimens of a set of specimens are successively exposed to a flame for a certain time.

The propagation of the flames in vertical direction is tested. The time elapsed between the start of the test and the tearing of marking threads is measured.

# **FEATURES**

Automatic detection of the tearing of the marking threads by switching contacts
Enclosure with 3 doors
Electronic stopwatch with measured value recording Devices with electric burner experience:
Automated test start



## OPTIONALE AUSSTATTUNG

Electrical burner movement with trimer Electrical exhaust air fan Pressure reducer Laptop

\* Our products are constantly evolving. For this reason, the actual dimensions may differ. © 10/2021

#### **SCOPE OF DELIVERY**