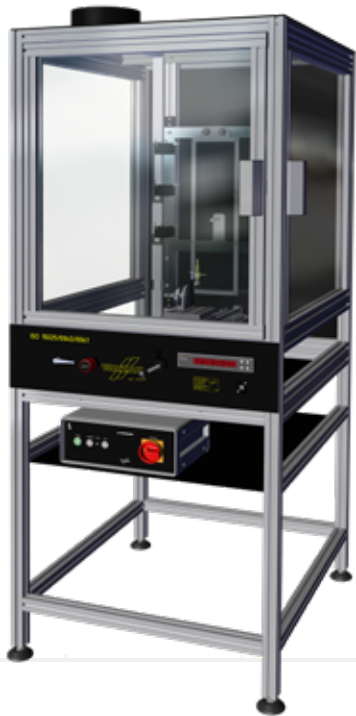


THERMOMETRY

ISO 15025/6940/6941

EN ISO 15025 | EN ISO 6940 | EN ISO 6941



SCOPE

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

In its basic configuration the device is designed for testing according to DIN EN ISO 6941. For tests according to DIN EN ISO 15025 and DIN EN ISO 6940, the device can be configured accordingly.

PRINCIPLE

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

ISO 6941: 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.

ISO 6940: It is determined from which flame duration the specimen ignites or does not ignite.

ISO 15025: The spread of the flames in vertical direction as well as the afterburning and afterglow time are determined.

FEATURES

Automatic detection of the tearing of the marking threads by switching contacts (DIN EN ISO 6941)

Enclosure with 3 doors

Electronic stopwatch with measured value recording

Devices with electric burner experience:

Automated test start

Automatic start measurement afterburning time

(DIN EN ISO 15025)

SCOPE OF DELIVERY

Test device, consisting of test chamber, burner and specimen holder, fine adjustment valve propane, shut-off valve propane, electronic stop watch

Control unit Burner movement

2 specimen holders DIN EN ISO 15025 (each 1 x method A and 1 x method B)

1 specimen holder DIN EN ISO 6940

1 specimen holder DIN EN ISO 6941

4 stencils (each 1x procedure A and 1x procedure B, DIN EN ISO 6940, DIN EN ISO 6941)

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

OPTIONAL ACCESSORY

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.

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