



#### SCOPE

The device is used to test the fire behavior of conveyor belts under laboratory conditions.

#### PRINCIPLE

The vertically clamped specimen is exposed to a defined burner flame for a certain time. After the test time has elapsed, the burner is withdrawn and the specimen is exposed to a stream of air. The afterburning times are determined.

#### FEATURES

The burner is mounted on a carriage with an electric linear drive. This makes it possible to perform the test at the push of a button. The burner is then automatically moved up to the specimen and automatically retracted after the test time has elapsed.

The fans are equipped with a timer that automatically switches them off after the time specified in the standard has elapsed.

Customized specimen holders can be manufactured upon request.

The integrated stopwatch can output the measured times via software.

#### COMPONENTS

Test device, consisting of test chamber, burner and specimen holder  
Fine control valve Propane, shut-off valve propane, electronic  
Stopwatch, 2 electric fans  
Control unit burner actuation  
Specimen holder  
Adjustment tip  
Thermocouple  
Flame gauge  
Manual

#### DIMENSIONS

Width x depth x height: 880 x 950 x 2030 mm\*

Weight: approx. 125 kg\*

Exhaust air connection DN 200

#### SUPPLIES

Propane gas, commercial, inlet pressure 250 mbar (pressure reducer mandatory)

Electric voltage 230 VAC 50/60 Hz, 500 VA

#### TO BE PROVIDED BY THE CUSTOMER

Exhaust air system

Pressure reducer

Computer for installation of stopwatch software

#### OPTIONAL ACCESSORIES

Electric exhaust fan

Pressure reducer

Laptop

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