

DIN 4102-1 Annex B

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SCOPE

The test device DIN 4102-1 Annex B is used to determine the reaction to fire of building materials.

PRINCIPLE

Material samples are exposed to a defined flame. The resulting smoke density is measured with an electronic light measurement system.

FEATURES

The supply of propane gas and compressed air to the test equipment is electronically regulated and controlled. The test procedures are logged and controlled by means of a PC and the associated DIN 4102-1 software.

COMPONENTS

- Frame with test chamber, light measurement section and purge tube
- Control cabinet
- PC with monitor, keyboard and mouse
- Anemometer
- 2 calibration devices
- Software DIN 4102-1, Labview based, operating system MS Windows 10

DIMENSIONS

Width x depth x height: 2000 x 600 x 1850 mm*
Weight: approx. 150 kg*

SUPPLIES

- Electric current 230 VAC 50/60 Hz
- Propane gas
- Compressed air

GAS VALVE

Exhaust air system DN 250

TO BE PROVIDED BY THE CUSTOMER

Exhaust air system or fume hood

SPATIAL REQUIREMENTS

Air velocity at the installation site $\leq 0,5$ m/s

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