

# THERMOMETRY

## FIRE BEHAVIOR OF BUILDING MATERIALS

**ISO 5657:1997-12**



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

### SCOPE

Test facility according to ISO 5657:1997-12 Fire behavior of building materials - ignitability of building products when exposed to a heat radiator components

test device

- Test stand with support for cone heating
- Modul cone heating 200/75 - Electrical, power consumption max. 3 kW
- Counterweight for press plate
- Motorized pilot flame procedure to bring the pilot flame into the right position above the sample plane every four seconds
- Ignition source for pilot burner
- Control box with valves (software controlled) including all hardware components

Propane 19-20 mL/min / Air 160-180 mL/min

- Type Schmidt-Boelter, measuring range 0 - 100 W/m<sup>2</sup> incl. water cooling (Alphacool)

- Control and measurement software, NI - LabView

- Notebook or mini PC with Windows 10

Voltage: 400 VAC 50/60 Hz, power consumption 6 kVA

Gas: propane 19-20 mL/min and air 160-180 mL/min

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