

THERMOMETRY

UL 94

UL 94 | DIN EN 60695-11-10 | DIN EN 60695-11-20 | ISO 9772 | ISO 9773 | ASTM D 635
ASTM D 3801 | ASTM D 4804 | ASTM D 4986 | ASTM D 5048



- ◆ Specimen holders (Panel, horizontal, vertical, foam)
- ◆ Calibration holder
- ◆ Calibration sensors 50 W/500 W copper cylinder
- ◆ Foot switch
- ◆ Cotton holder
- ◆ Gauge
- ◆ Steel ruler

TECHNICAL DATA

Dimensions (W x h x d): 1170 x 800 x 1880 mm (with exhaust air valve 2280 mm)*
Installation area (W x d): 2200 x 2300 mm*
Weight: approx. 150 kg*
Voltage supply: 230 VAC 50/60 Hz
Power consumption: 400 W*
Methane connection: Hose 6 mm

SENSORS

Time, temperature, ambient temperature, humidity, gas pressure, gas flow, calibration sensors 50/500W (Thermocouple Type-K with copper cylinder), thermo-couple flame protection

SUPPLIES

Methane gas > 98% purity
Electrical current 230 VAC 50/60 Hz

TO BE PROVIDED BY THE CUSTOMER

Exhaust DN 200
Methane gas: Inlet pressure 1 bar

OPTIONAL ACCESSORY

Electrical exhaust air valve
Additional specimen holders
Drawer insert

SCOPE

The Wazau test equipment UL 94 is used to assess the risk of fire in plastics in electrical engineering

PRINCIPLE

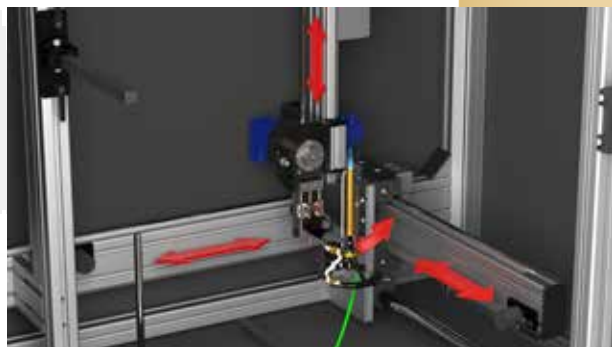
Specimens are exposed to a flame horizontally or vertically. The horizontal test determines the linear rate of fire of materials. The vertical test serves to determine the self-extinguishing properties of a material.

FEATURES

- ◆ Integrated Mini-PC with touchscreen for device control and data recording and evaluation.
- ◆ Semiautomatic calibration utility to adjust the flame output.
- ◆ Semiautomatic test procedure with test report.
- ◆ Multi-axial electronic burner position control.
- ◆ Test can be carried out with the **50 W** flame or the **500 W** flame, depending on the standard.
- ◆ The device is provided with a flame protection.

COMPONENTS

- ◆ Test equipment with frame
- ◆ Control unit with Mini-PC, USB-modules, power supplies, flow controller methane, gas pressure measurement, solenoid valve
- ◆ Burner with adjustment unit
- ◆ Touchscreen 15,6"



* Our products are constantly evolving. For this reason, the actual dimensions may differ. © 01/2023