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

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``
- 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: Hose6 mm

SENSORS

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

SUPPLIES

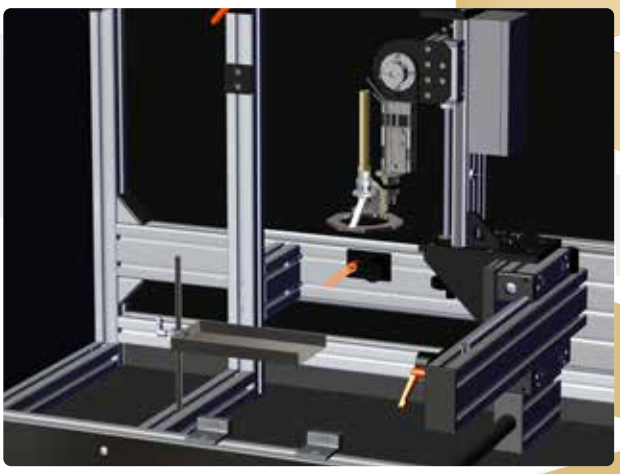
Methane gas > 98% purity
Electrical current 230 VAC 50/60 Hz

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



* Our products are constantly evolving. For this reason, the actual dimensions may differ. © 01/2021

DR. - ING. GEORG WAZAU Mess- + Prüfsysteme GmbH Keplerstraße 12 D-10589 Berlin Germany
Internet: www.wazau.com Email: vertrieb@wazau.com Phone +49-30-344-30-88/89 Fax +49-30-344-1976