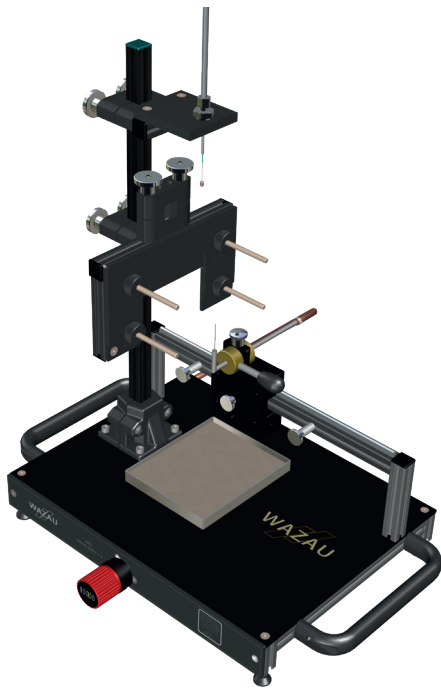


THERMOMETRY

NPG – DIN EN 60695 11 5

IEC 60695-11-5 / VDE 0471-11-5



SCOPE

The test device replicates small flames that may be generated by faulty operating conditions of components and insulating materials. The test flame represents the source of fire, which acts on a component for a defined time. The burning time and fire propagation of parts can then be proven.

PRINCIPLE

In this test method, three specimens are successively exposed at different locations to a previously calibrated flame. The flame duration depends on the properties of the final product. The preferred values are these in IEC/EN 60695-11-5 chap. 7 (severity levels).

FEATURES

Software-supported measurement data recording and evaluation.

COMPONENTS

Test device with stand and specimen holder
Template for height adjustment of the flame
Needle burner with fine regulation valve
Propane gas cylinder (5 kg) + pressure reducer 50 mbar
Copper block with thermocouple
Calibration device with temperature and time display
Software DIN EN 60695-11-5 for Windows 7/8/10
Notebook

DIMENSIONS

Width x height x depth: 500 x 1000 x 350 mm*
Weight: approx. 15 kg*

SUPPLIES

Electrical current 230 VAC 50/60 Hz
Propane

TO BE PROVIDED BY THE CUSTOMER

Exhaust air system

OPTIONAL ACCESSORY

Fume cupboard

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