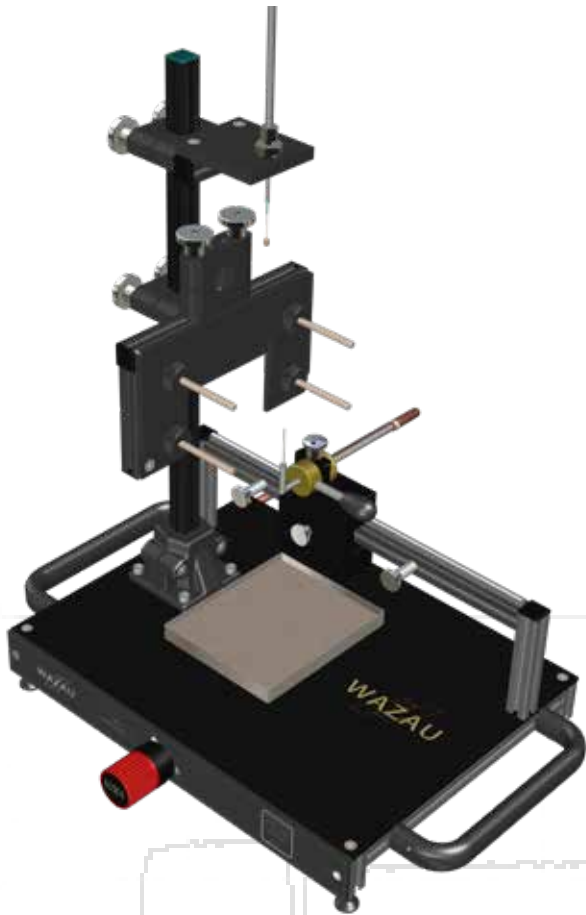


# NEEDLE FLAME TESTER – NPG

DIN EN 60695-11-5 | IEC 60695-11-5 | VDE 0471-11-5



## SCOPE OF DELIVERY

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 ACCESSORIES

Fume cupboard

## SCOPE

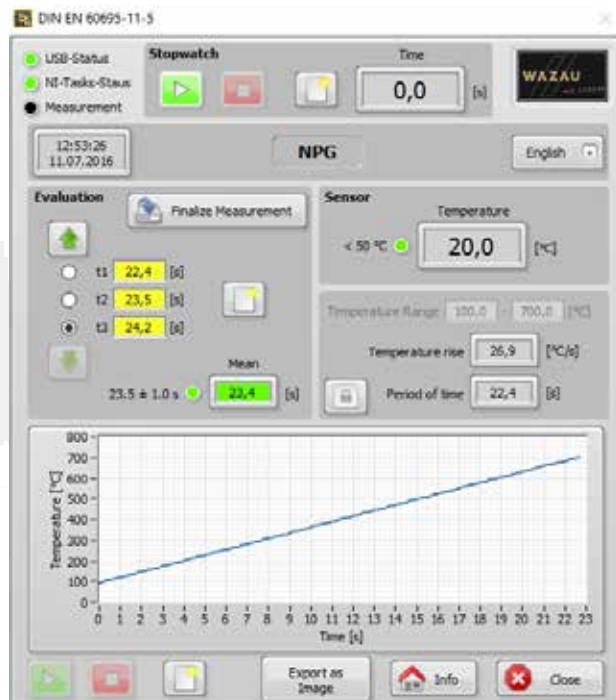
The test device replicates small flames that may be generated by faulty operating conditions of components and insulating materials. The test flame represents the source of fire, which acts on a component for a defined time. The burning time and fire propagation of parts can then be proven.

## 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.



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

© 06/2020