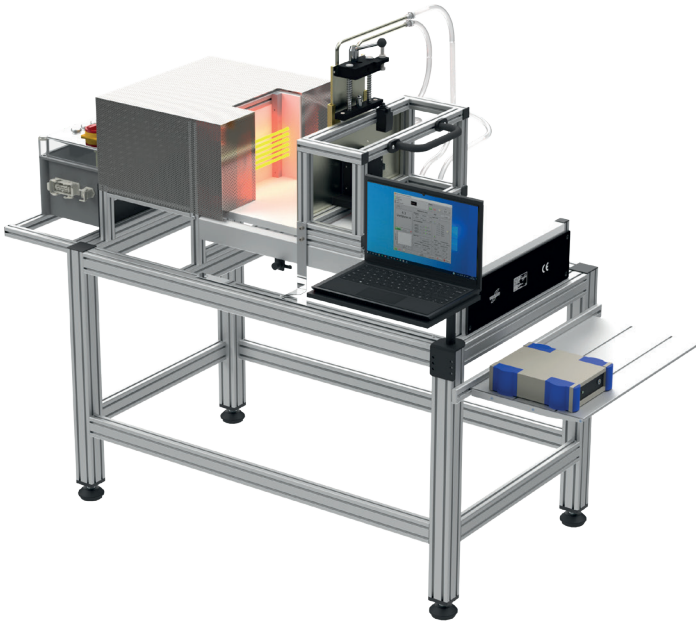


THERMOMETRY

HBP

EN ISO 6942



SCOPE

The device is used to test materials for protective clothing at medium and high heat flux densities. It tests how the materials behave and change when exposed to heat. The results of the test are a part of the classification of the materials used.

PRINCIPLE

The specimen is exposed to a defined heat flux generated by silicon carbide heating rods. In method A, changes are noted after a specified time of heat exposure. Method B measures how long it takes for a temperature increase of 12 °C and 24 °C to occur behind the specimen.

FEATURES

Monitoring of water cooling by differential pressure switch
Notebook fixture

COMPONENTS

Test bench with heating rods, test carriage, water cooled shielding and USB- interface
LabView based software DIN EN ISO 6942 for Windows 7/8/10
Specimen holder method A
Specimen holder method B with calorimeter

DIMENSIONS

Width x depth x height: 1870 x 730 x 1400 mm*
Weight: approx. 100 kg*

SUPPLIES

Three-phase current 400 VAC, 50/60 Hz, 12 kVA, CEE-plug
Electric voltage 230 VAC 50/60 Hz
Water

TO BE PROVIDED BY THE CUSTOMER

Water drain, sink sufficient

OPTIONAL ACCESSORIES

Notebook Windows 10 with software installed
Additional specimen holders

* Our products are constantly being further developed. For this reason, the actual dimensions may vary.