TEST EQUIPMENT HBP
DIN EN ISO 6942

SCOPE
The test equipment is designed to test materials for protective clothing during middle and high heat flux density. It tests how materials react and change during exposure to heat. The results of the test are part of the classification of materials.

PRINCIPLE
The sample is exposed to a defined heat flow generated by silicon carbide heating rods. In method A, the changes are determined after a given period of heat exposure. Method B measures how long it takes for a temperature increase of 12 °C and 24 °C to be measured behind the sample.

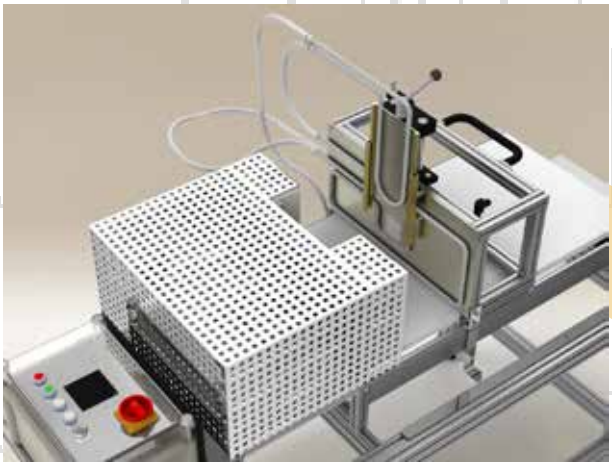
FEATURES
Monitoring of the water cooling by means of a differential pressure switch.
Laptop stand

COMPONENTS
Test equipment with heating rods, test carriage, water- cooled slide and USB- interface
LabView based Software DIN EN ISO 6942 for Windows 7/8/10
Sample holder method A
Sample holder method B including calorimeter

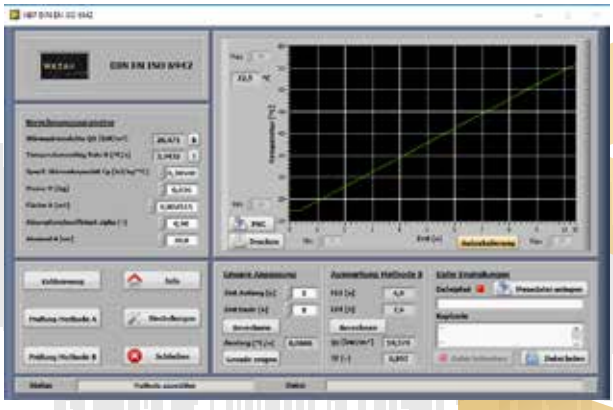
DIMENSIONS
Width x depth x hight: 1870 x 730 x 1400 mm*
Weight: approx. 100 kg*

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

TO BE PROVIDED BY THE CUSTOMER
Water drain, sink will be sufficient.



OPTIONAL ACCESSORY
Notebook Windows 10 Software pre-installed.
Additional sample holders and calorimeters



*** Our products are constantly being developed. For this reason the actual dimensions may differ.**

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