

TEST EQUIPMENT HBP

DIN EN ISO 6942



DIMENSIONS

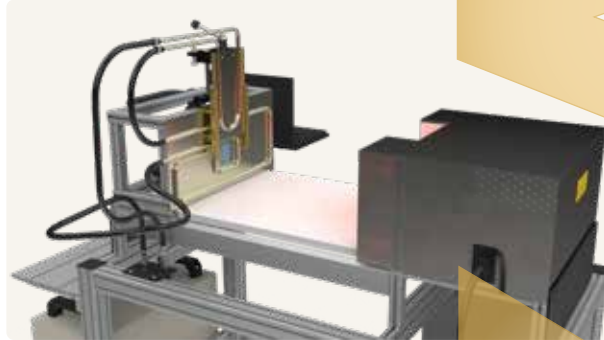
Width x depth x height: 1610 x 800 x 1500 mm*

Weight: approx. 100 kg* (without chiller)

SUPPLIES

Three-phase current 400 VAC, 50/60 Hz, 12kVA, CEE plug

Electric voltage 230 VAC 50/60 Hz



SCOPE

The test equipment is designed to test materials for protective clothing during medium and high heat flux density. It tests how materials react and change when exposed to heat. The results of the test are used to classify materials.

PRINCIPLE

The sample is exposed to a defined heat flux generated by silicon carbide heating rods. Method measures the changes 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

Software controlled measurement and calibration procedures, data logging and evaluation (test report)
Industrial closed-circuit chiller with temperature control and alarm for shield cooling, 1700W cooling capacity
Laptop stand

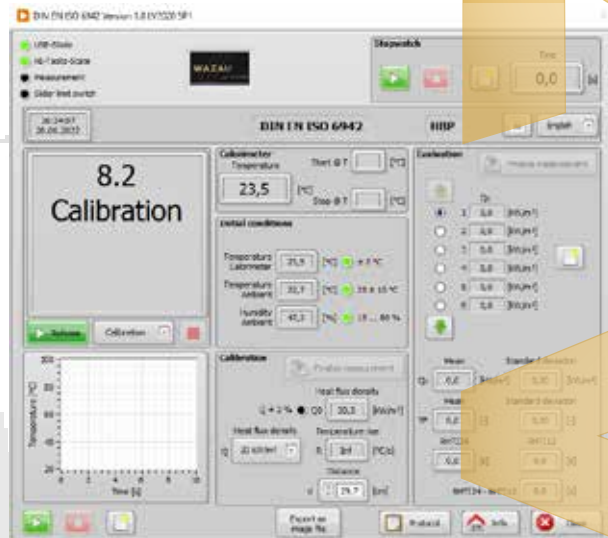
COMPONENTS

Test equipment with heating rods, test carriage, water-cooled slide and USB-interface
LabView based Software DIN EN ISO 6942 for Windows 10/11
Industrial chiller 1700 W cooling capacity
Sample holder method A
Sample holder method B including calorimeter
Operating manual English

OPTIONAL ACCESSORY

Notebook/Mini PC Windows 11 Software pre-installed.

Additional sample holders and calorimeters



* Our products are constantly being developed. For this reason the actual dimensions may differ. © 05/2024