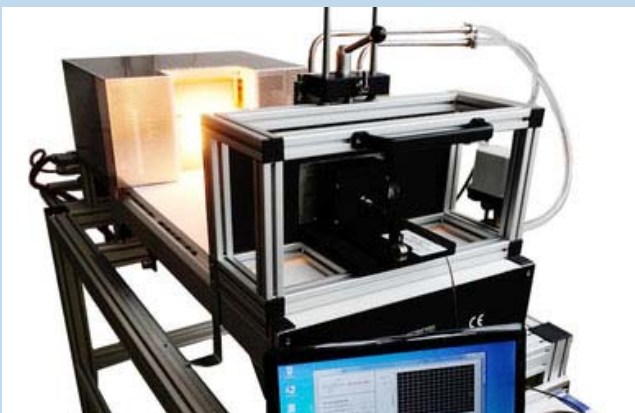
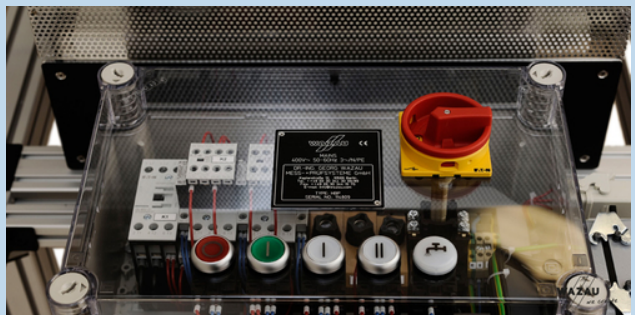
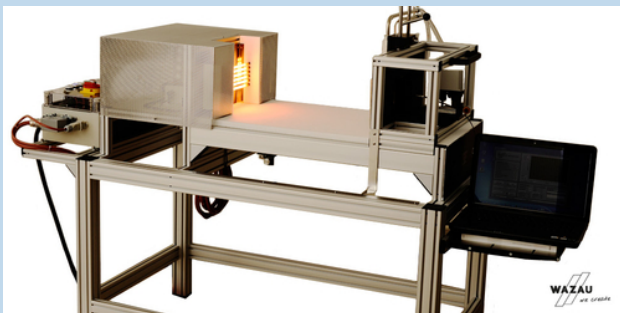


HBP织物热防护（辐射）性能测试仪

DIN EN ISO 6942



测定单层或多层的织物在高温环境下防热辐射性能

产品描述

热防护性能测试仪用于测定单层或多层的织物在高温环境下防热辐射性能

热防护性能测试仪用于测定单层或多层的织物在高温环境下防热辐射性能。防热辐射性能是阻燃产品的重要性能指标，准确的测定其防护性能，对于选择材料、研究开发新产品、改进加工工艺有重要的指导意义。

方法 A：样品安装在独立框架，暴露于热辐射源下一定时间。热辐射的强度通过调整样品和辐射源之间的距离控制。试验后检查样品各个层次的视觉变化。

方法 B：样品固定在热量计并暴露在热辐射源下。分别测量量热计温度上升 12°C 和 24°C 所需要的时间。

在这些数据的基础上，通过传递和入射热流密度的差异，计算热通量率。
冷却系统由试验机上的入水口和出水口提供连续的水流。

技术参数

样品：	纺织物
测试标准：	DIN EN ISO 6942
传感器：	热量计
电源：	3 ~ 400 VAC / 12.5 kVA
设备尺寸：	2000 x 800 x 1500 mm (W x D x H)
重量：	150 kg

Characteristics

Assessment of materials and material combinations that are exposed to a heat radiation source.

Procedure A exposes a specimen in a free-standing frame to a defined heat radiation for a defined time period. The intensity of the heat radiation is controlled by the distance between specimen and heat radiation source. After the testing the specimen and its different layers are examined for visual changes.

In procedure B the specimen is fixed onto a calorimeter and exposed to a defined heat radiation. The time needed for a temperature rise in the calorimeter of 12°C and 24°C respectively is measured.

On the basis of this data the heat throughput rate is calculated from the difference between passed and incident heat flow density. The software includes the calculations and evaluation of the standard. The power supply is provided by a three-wire plug 3 ~ 400 VAC (50/60 Hz) (5x32 A 6h CEE). The cooling mechanism works with a continuous water flow which is provided by an inlet and outlet on the testing device.

Technical specifications

Geometry of specimen:	Textiles
Testing standards:	DIN EN ISO 6942
Sensory functions:	Temperature (calorimeter)
Power input:	3 ~ 400 VAC / 12.5 kVA
Dimensions (testing device):	2000 x 800 x 1500 mm (W x D x H)
Weight (testing device):	ca. 150 kg