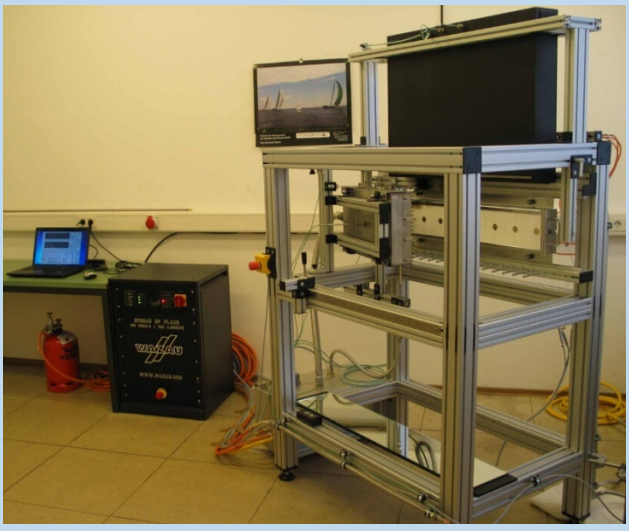
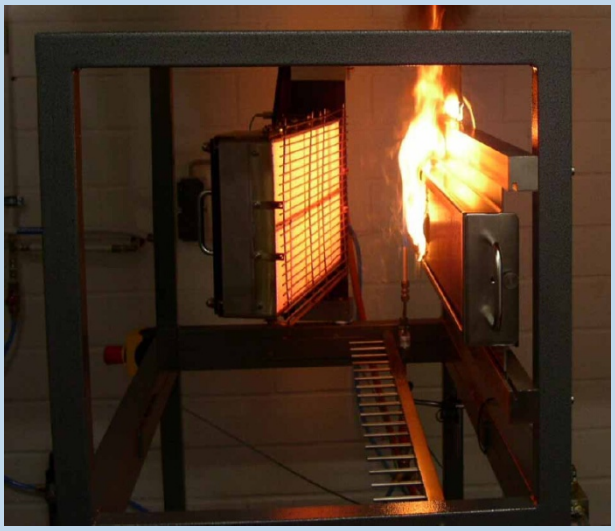
佰汇兴业（北京）科技有限公司
北京市海淀区西八里庄路 69 号西楼 201 室　100142

火焰蔓延性测试仪

ISO 5658-2 / IMO A.653(16)





直立布局中建筑产品侧面火焰蔓延测试

产品描述

直立布局中建筑产品侧面火焰蔓延测试。

此测试过程结果可作为评估火焰沿着试样横向蔓延的燃烧行为的基础。辐射加热器对样品的热量辐射最大程度上模拟了火灾场景。水平放置的样品在倾斜 15°±3° 辐射加热器下进行加热。样品暴露在一定的热流下。热端与引燃火焰接触。点火后，登记火焰前缘的形式，并且记录火焰前端沿着样品长度方向的水平蔓延过规定的距离所需的时间。根据 IMO 标准，带热电偶排气烟道用于计算的最大放热率和释放的总热量。使用软件进行控制和测量数据记录，并提供了校准、阀门控制、预热和 CHF 计算。

技术参数

样品：	楼面覆面层
测试标准：	ISO 5658-2 / IMO A.653 (16)
传感器：	温度 / 质量流量 / 热通量
电源：	230 VAC / 150 VA
气源：	丙烷气 / 压缩空气
设备尺寸：	1500 x 1000 x 1700 mm (W x D x H)
重量：	250 kg

Characteristics

Lateral spread of flame on vertically arranged construction products.

The results of this testing procedure are used as a basis for evaluating the burning behavior of a lateral flame which spreads along a specimen. The heat radiation which a radiant heater applies to a specimen simulates the probable degree of stress that acts upon a specimen in a fire scenario.The sample is placed in a horizontal position under the gas-heated radiant heater that is inclined by 15 +/- 3° against the horizontal line. The sample is exposed to a certain heat stream. A pilot flame is brought into contact with the hot end of the sample. After ignition any flame front that forms is registered and its horizontal spread along the length of the specimen is recorded as the time the flame front needs for spreading over defined distances. For the IMO standard an exhaust flue with thermocouples is used to calculate the maximum heat release rate and the released total amount of heat. Controlling and measurement data recording is done with the software. It provides the calibration, valve control, preheating and CHF calculation.

Technical specifications

Geometry of specimen:	Floor cover
Testing standards:	ISO 5658-2 / IMO A.653 (16)
Sensory functions :	Temperature / mass throughput / heat flow
Power input:	230 VAC / 150 VA Propane gas / compressed air
Dimensions (testing device):	1500 x 1000 x 1700 mm (W x D x H)
Weight (testing device):	ca. 250 kg