

HERMOMETRY

Test Equipment EN ISO 1182

EN ISO 1182 | IMO FTP CODE Part 1



Aufstellungsbeispiel

according to IMO FTP Code Part 1 are completed after 30 minutes. After the specimen has been cooled in a desiccator, the specimen is weighed again.

FEATURES

Timer controlled heating procedure.
Specimen holder lowering in 10 mm increments lockable.
Mirror adjustable in height and inclination..

SCOPE OF DELIVERY

Furnace, Control unit, Notebook with software pre-installed
Thermocouples Type K: Furnace, calibration (furnace wall, furnace), specimen center, specimen surface.

TECHNICAL DATA

Furnace
Width x Depth x Height: approx. 400 x 400 x 1840 mm*
Weight: approx. 70 kg*
Control unit
Width x depth x height: approx. 565 x 350 x 200 mm*

SCOPE

The test device DIN EN ISO 1182 serves to determine the non-combustibility of homogeneous building materials, composite building materials and components, and substantial components of non-homogeneous building materials under specified conditions, according to DIN EN ISO 1182 and IMO FTP CODE Part 1. The aim is to select products that are not completely inert, but only develop a limited amount of heat and flames when exposed to temperatures of around 750 °C.

PRINCIPLE

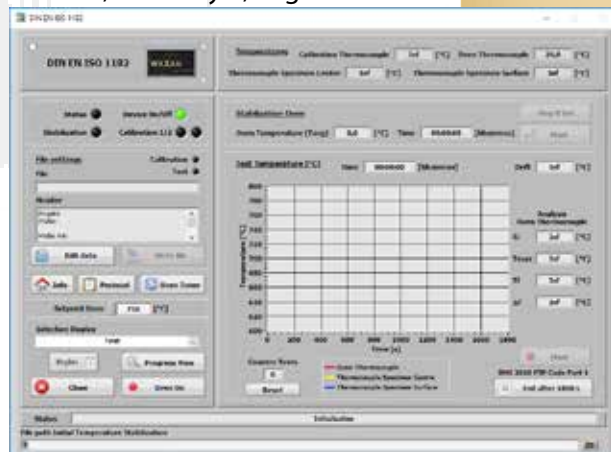
The electric furnace is heated to 750 °C. The weighed and conditioned specimen prepared according to the standard specification is inserted to the furnace and left there for 30 minutes. If there is thermal equilibrium during this time, e. g. the temperature drift in the oven is below 2 °C for at least 10 minutes, the test is terminated. This occurs when the specimen does not ignite or burns completely. If this is not the case, the test period for DIN EN ISO 1182 tests is extended by 5 minutes each time until no temperature drift is detectable. After 60 minutes, the test is finally finished, regardless of the result. Tests

SUPPLIES

Electrical voltage 230 VAC, 1000 VA, 50/60 Hz

TO BE PROVIDED BY THE CUSTOMER

Exhaust air system
Ventilated oven
Desiccator
Balance, accuracy 0,01 g



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

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