



CLIMATE ENVIRONMENTAL TESTING

FIRE TEST EQUIPMENT



General

The equipment consists of a fireproof and well ventilated test chamber with a capacity of 3 m³.

There are two standardised and calibrated burners:

- A small gas burner
- A large oil burner

Choice of burner is depending on the size of the test object and if the standard requires petroleum liquid based fire. The burners are adapted to verify the fire resistance of equipment and details placed in the aircraft's fire zones, but can be adapted to other testing standards.

Miscellaneous

- Calibration equipment for measuring flame temperature and heat flow.
- Equipment for measuring high temperatures.
- Equipment for image documentation.

Dimensions

Width 1.6 m
Depth 1.2 m
Height 1.6 m

Performance

Small gas burner

Fuel: LP gas with nitrogen supply for controlling the flame temperature.

Flame temperature: 700-1300°C.

Large oil burner

Fuel: Combustible oil.

Flame temperature: 1100 ± 80°C (Aircraft-standard).

Heat flow: 116 ± 10 kW/m².

Specifications subject to change without notice