

Product Name :
Cone Calorimeter

Product Code :
ENGLABINGCAG900006



Description :

Cone Calorimeter

Technical Specification :

The name of the cone calorimeter was derived from the shape of the truncated conical heater the designer, Babrauskas, used to irradiate the test specimen (100 × 100mm) at fluxes up to 100 kW/m² in the bench-scale oxygen-depletion calorimeter that he and his co-workers developed .

The Cone Calorimeter has been produced to be the most compact and easily maintained unit in the marketplace.

It fits into the smallest of labs and is easy to operate using the user-friendly, menu-driven software, which guides users through the calibration, testing and reporting protocols.

Element: 5kW electrical heating element

Heat flux: Up to 100 kW/m²

Heat Shields: Placed between the cone heater and specimen

Specimen Holder And Weighing Device:

Specimen holder: A square pan 106 x 106mm at the top, with a height of 25mm, constructed from stainless steel

Retainer edge frame: A stainless steel frame with inside dimensions of 111 x 111mm, and an opening of 94 x 94mm

Sample size: 100 x 100mm

Sample thickness: Up to 50mm

Balance sensitivity: 0.1g

Load capacity: Up to 2.0kg



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