# TCC 918 – Cone Calorimeter

## Determination of the heat release rate, the dynamic smoke production and the mass-loss rate of specimens in horizontal orientation in accordance with to ISO 5660-1 and ASTM E1354

A cone calorimeter is used for studying the fire behavior of small samples of various materials. It is widely used in the field of fire safety engineering.

## Features at a Glance

* Conical radiant heating with high performance, max. 5 kW
* Exhaust system, hood, collector, measuring tube made of stainless steel for a long life
* Optical measuring section with helium-neon laser
* Exhaust radial fan with mass-flow control for a constant exhaust flow
* Gas analyzer for O2 and CO2, CO (option)
* Measuring and control cabinet with gas analyzing system, SBC, 10.1“ color touch display and assemblies for recording measured values and controlling all processes
* Operator guidance entirely via touch screen
* High-resolution touch screen with brilliant colors
* Intuitive icons for menu items
* Control panel with PC, monitor and laser printer
* TCC software
* Extensive set of options and useful accessories for expansion and calibration of the calorimeter (options according to separate technical datasheet)