

CONE CALORIMETER



Model: CC-2-X

The Cone Calorimeter is the most widely used test apparatus to measure heat release properties of materials.

Testing Standard:

ISO 5660, ASTM E 1354, 1474, 1550, 1740, ASTM D 5484, 6113, BS 476 part 15, NFPA 271,

FEATURES:

- High accuracy weigh cell with 0.01g resolution
- 5000w inconel tubular heater
- PID temperature control
- Spark igniter
- Specimen shield
- Computerized automated setting of heat flux level
- All stainless steel construction of hood, ducting, orifice plate, ring sampling probe, and exhaust blower
- Variable speed blower
- Specimen holders (stainless steel)
- Smoke measuring system: Helium-neon laser light source, computerized calibration and scaling.
- Gas sampling and analysis system
- CO2 analyzer*: non-dispersive infra-red, 0-10% range (v/v)
- CO2 analyzer*: 0-1.0% range (v/v)
- Data calibration and reporting
- High accuracy data gathering
- Minimum scan rate – 4 scans per second! Fastest on the market
- Simplified auto-calibration software
- Data output in microsoft excel workbook
- User customizable calculations, graphing and reporting cone calorimeter