

# CONE CALORIMETER

**MODEL CC-1**  
**MODEL CC-1-X**

**230V 60Hz**  
**230V 60Hz**

## THE MOST WIDELY USED TEST APPARATUS TO MEASURE HEAT RELEASE PROPERTIES OF MATERIALS

### 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

- CO<sub>2</sub> ANALYZER\*
  - NON-DISPERSIVE INFRA-RED
  - 0-10% RANGE (V/V)
- CO<sub>2</sub> 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

**SHIPPING WEIGHT: 1200 LBS**

\* OPTIONAL ITEMS.

**Highest Accuracy  
Weigh Cell  
on the Market!**



### SPECIFICATIONS:

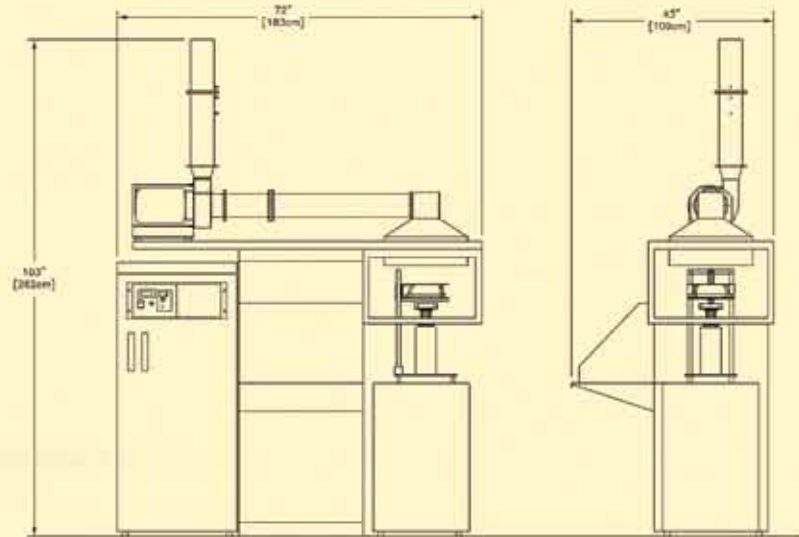
ASTM E 1354	NFPA 271
ASTM E 1550	NFPA 264
ASTM E 1740	CAN ULC 135
ASTM D 5485	BS 476 Part 15
ASTM D 6113	ISO 5660 Parts 1 and 2



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# CONE CALORIMETER



## FLAMMABILITY PRODUCTS & SERVICES AVAILABLE FROM GOVMARK

### FLAMMABILITY TESTERS

45 DEGREE CABINET  
HORIZONTAL CABINET  
PILL TEST APPARATUS  
TPP TESTER  
FLOORING RADIANT PANEL  
SMOKE DENSITY CHAMBER  
VERTICAL CABINETS  
EI62 RADIANT PANEL  
OSU RATE OF HEAT RELEASE  
CONE CALORIMETER (RATE OF HEAT RELEASE)  
FAA OIL BURNER  
CALIF, TECHNICAL BULLETIN 117  
BS 5852  
NIST MATTRESS BURNER (SCREENING TOOL)  
NON-COMBUSTIBILITY APPARATUS  
NFPA 701 TMI AND TM2  
OXYGEN INDEX  
HOT WIRE IGNITION  
UL 94 FUME HOOD  
BLANKET FLAMMABILITY TESTER

### SUMMARY

FABRICS, CA TB117 2000, CANADIAN STANDARDS  
AUTOMOTIVE FABRICS, FAA  
CARPETING AND TENT FLOORING  
PROTECTIVE CLOTHING  
CARPETING AND AIRCRAFT INSULATION  
ALL MATERIALS  
DRAPES, SLEEPWEAR, TENTAGE, FAA  
FLAME SPREAD OF MATERIALS  
FAA INTERIORS  
TRANSPORTATION AND BUILDING PRODUCTS  
SEAT CUSHIONS & CARGO LINERS  
UPHOLSTERY COMPONENTS  
UPHOLSTERY COMPONENTS  
MATTRESSES  
BUILDING AND MARITIME PRODUCTS  
DRAPERIES, BANNERS, EXTERIOR PRODUCTS, ETC.  
IGNITION LEVEL OF MATERIALS  
PLASTICS FLAMMABILITY  
ENCLOSURE FOR UL 94 TESTS  
BLANKETS

GOVMARK OFFERINGS OF TESTERS AND SERVICES ARE CONSTANTLY AUGMENTED. KINDLY CONTACT GOVMARK FOR ANY ITEMS NOT LISTED HEREIN.

## FLAMMABILITY TESTS PERFORMED BY GOVMARK

BOSTON, CALIFORNIA, APPAREL, CAMPING PRODUCTS, CHILDREN'S SLEEPWEAR, DRAPERY, CARPETING, CPSC, MATTRESS, UPHOLSTERY, COAST GUARD, IMO, FAA, NY/NJ PORT AUTHORITY, MINING PRODUCTS AND OTHERS...