

# Horizontal Flammability Tester

## MODEL: HC-2

### SPECIFICATIONS/STANDARDS

FMVSS 302	FAR Part 25 Appendix F Part I (b)(5)
Aircraft Materials Fire Test Handbook Chapter 3	Airbus AITM 2.0003
Boeing BSS 7230 F3	Boeing BSS 7230 F4
ASTM D 5132	ISO 3795
DIN 75200	CMVSS 302
SAE J369	

### FEATURES/OPTIONS

120V 50/60Hz or 230V 50/60Hz

Solid state digital timer

Electronic solenoid and timer automatically control flame application time

Cabinet fabricated with high quality brushed stainless steel

Stationary burner with gas pilot tube

Flame height indicator

Drip tray for easy cleanup

Adjustable sample positioning

Includes 1 standard stainless steel specimen holder

### DIMENSIONS OF INSTRUMENT

Chamber 15" x 8" x 15"

Overall instrument with flame control module 19" x 16" x 15"

Width x Depth x Height

### APPROXIMATE SHIPPING WEIGHT AND DIMENSIONS OF PACKED BASE INSTRUMENT

35 lbs, 24" x 20" x 20"

### FACILITY REQUIREMENTS

Fume enclosure or overhead exhaust hood approximately 3' x 3' with 100-300 SCFM exhaust capacity

High purity methane supplied at 2.5 psi to ¼" barb fitting

### DESCRIPTION

HC-2 is used to determine the resistance of materials to flame when burner is applied for a set time of impingement.

The test is performed using a timed Bunsen burner to impinge on a horizontally mounted specimen for a set time.

Reported measurements include burn rate.

