

Vertical Flammability Tester

MODEL: VC-2

SPECIFICATIONS/STANDARDS

FAR Part 25 Appendix F Part I (Vertical 12 and 60 seconds)	Aircraft Materials Fire Test Handbook Chapter 1
Airbus AITM 2.0002A	Airbus AITM 2.0002B
Boeing BSS 7230 F1	Boeing BSS 7230 F2
CPAI 84	NFPA 1971, 1975, 1976, 1977, 1981, 2112
Test Method 5903 Federal Standard 191A	California Code of Regulations Title 19 1237 Small Scale

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

Burner with gas pilot tube and flame height indicator

Adjustable burner positioning

Includes 1 hinged, stainless steel specimen holder

DIMENSIONS OF INSTRUMENT

Chamber 14" x 14" x 33"

Overall instrument with flame control module 18" x 16" x 33"

Width x Depth x Height

APPROXIMATE SHIPPING WEIGHT AND DIMENSIONS OF PACKED BASE INSTRUMENT

28 lbs, 40" x 20" x 20" & 15 lbs, 20" x 14" x 16"

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

VC-2 is used to determine the resistance of materials to flame.

The test is performed using a Bunsen burner to impinge on a hanging vertical specimen for a set time.

Reported measurements include afterflame, drip burn, and burn length.

