

HMV

Horizontal Flame Chamber Motor Vehicles



Determines the comparative burn rates and burn resistance of textiles, plastics and other automotive interior materials. Conforms to Federal Motor Vehicles Safety Standard No. 302. The HMV is also suitable for use with ISO 3795, ASTM D5132, GM9070P and SAE J369.

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The **Atlas HMTV** is the preferred flame chamber for conducting burn rate and burn resistance tests on automotive interior materials. Its durable stainless steel construction, large glass viewing window, door-mounted burner and lift-off top cover for easy specimen access greatly enhance user convenience. The loading of specimens is simplified with a unique snap-together specimen holder. The optional Automatic Gas Control (AGC) features a digital timer and push-button gas controls that provide automatic or manual flame impingement modes. The **Atlas HMTV** was designed with the user in mind.



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- **Easy Setup and Operation**
Top loading specimen holder and door-mounted burner
- **Flexible Specimen Testing**
Specimen holders accomodate a variety of material types
- **Accurate Flame Impingement Control**
User adjustable pilot burner and manual gas toggle valve
- **Conforms to FMVSS 302**
Meets reference standards ISO 3795, ASTM D5132, GM9070P and SAE J369
- **Optional Automatic Gas Control**
Auto flame impingement and electronic control ensure repeatable test results



Automatic Gas Control Option

Standard Features	Manual	AGC
Benchtop chamber design*	■	■
316 Stainless steel construction	■	■
Heat resistant glass observation window	■	■
Removable top cover for easy specimen access	■	■
Door-mounted burner with gas adjustment	■	■
Specimen holder for standard & non-rigid samples	■	■
Stopwatch for specimen event timing	■	■
Measurement scale	■	■
Manual gas controls	■	■
Digital flame impingement timer		■
Solenoid gas control valve		■
Push-button gas control		■

*All units should be operated in a fume hood.

Specifications

Dimensions:	38 cm (15") H x 38 cm (15") W x 20 cm (8") D
Bench Weight:	26 lbs (12 kg)
Shipping Weight:	75 lbs (35 kg)
Electrical (AGC only)	95-250 VAC, 47-63 Hz, 0.6A Input 24 VDC, 1.17A Output

Information is subject to change without notice.

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Models are available which comply to CE requirements.
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