



## Single and Double Wall Group Test Booths

Acoustic Systems' Group Test Booths are capable of testing from two to ten personnel simultaneously and are available in either single or double wall configurations.

Single wall booths come in five standard models and unlimited customized sizes. They provide impressive isolation utilizing 4" wall construction.

Double wall booths provide increased isolation when ambient conditions prohibit a single wall configuration to meet ANSI specifications. Double wall booths also provide additional acoustic control to isolate patients from waiting room noise.

### FEATURES

- Isolated acoustic floor
- Sealed 32" clear opening acoustic door with camlift hinges
- Double glazed, laminated, acoustical, safety glass, 24" (wide) by 18" (high) observation window in door
- Test position divider curtains
- Padded seat for each test position
- Carpeting with cove base trim
- Incandescent lighting with wall switch
- Electrical service with 12' power connection
- Acoustically engineered ventilation system, mounted external to wall or roof panels.
- Jack panel at each test position for left and right earphones, patient response switch corresponding to master panel

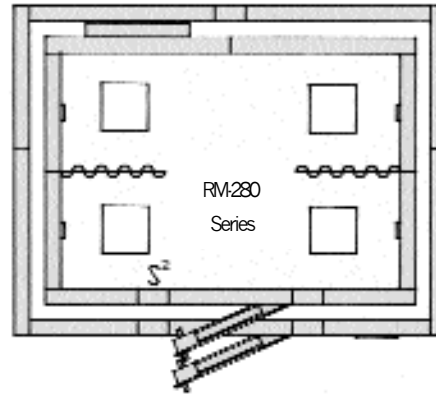
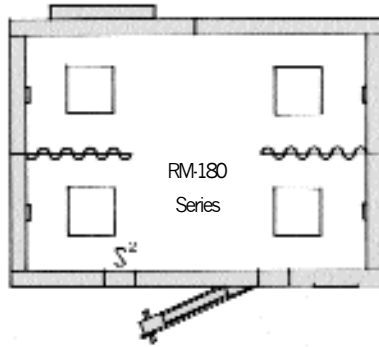


Acoustic Systems manufactures a wide range of modular acoustic enclosures for hearing conservation programs. The enclosures offer varying levels of acoustic performance, variations in floor plans, and numerous appearance options for industrial, educational, government and clinical applications.

Acoustic Systems maintains a NVLAP accredited laboratory for constant product research and performance assurance.



## Single and Double Wall Group Test Booths



Right hinge door swing shown. Left hinge door swing available.

Single Wall Models	Dimensions (WxLxH)		Features		
	Inside	Outside	Test Positions	Lights	Weight (Lbs)
RM-181	7'4" x 2'6"	8'0" x 3'2"	2	1	2,950
RM-182	7'4" x 5'0"	8'0" x 5'8"	4	2	3,760
RM-183	7'4" x 7'6"	8'0" x 8'2"	6	3	4,640
RM-184	7'4" x 10'0"	8'0" x 10'8"	8	4	6,320
RM-185	7'4" x 12'6"	8'0" x 13'2"	10	5	6,920

Height - Inside: 6'6" Outside: 7'5" (Add 6 1/2" for active silencers and 3 1/2" for passive vent silencers)

Double Wall Models	Dimensions (WxLxH)		Features		
	Inside	Outside	Test Positions	Lights	Weight (Lbs)
RM-281	7'4" x 2'6"	9'4" x 4'6"	2	1	2,950
RM-282	7'4" x 5'0"	9'4" x 7'0"	4	2	7,280
RM-283	7'4" x 7'6"	9'4" x 9'6"	6	3	8,620
RM-284	7'4" x 10'0"	9'4" x 12'0"	8	4	10,120
RM-285	7'4" x 12'6"	9'4" x 14'6"	10	5	12,000

Height - Inside: 6'6" Outside: 8'1" (Add 6 1/2" for active silencers and 3 1/2" for passive vent silencers)

### Acoustic Performance

#### Noise Reduction

Center Frequency Hz	125	250	500	1000	2000	4000	8000
RM-180 Series	27	37	44	53	58	60	62
RM-280 Series	44	62	81	93	100*	100*	95*

Noise reduction from outside to inside of a properly installed booth in accordance with ASTM E-596

#### Maximum Permissible Noise Levels from Ventilation Systems

Center Frequency Hz	125	250	500	1000	2000	4000	8000
SPL dB	34.0	22.5	19.5	26.5	28.0	34.5	43.5

Acoustic Systems warrants the maximum octave band sound pressure levels shall not exceed ANSI S3.1 ears covered levels for a test frequency range of 125 Hz to 8000 Hz provided the booth has been selected appropriately with consideration to the noise and vibration levels of the host environment.

For more information, please contact:

PO Box 3610 • Austin, TX 78764  
 512-444-1961 • FAX: 512-444-2282