



# QuietTest™

LIFE SCIENCES

When acoustic performance is a requirement,  
QuietTest™ enclosures are the answer.



**NOISE BARRIERS**



# QuietTest™

## LIFE SCIENCES

Noise Barriers Test Rooms provide properly silenced ventilation, evacuate heat, CO, and hydrocarbons. This ensures correct and stable airflow, a safe working environment, and sound reduction beyond conventional construction.

Our Test Cells include all materials necessary for your personnel to assemble a room within 2-4 days. Complete drawings and assembly instructions combined with our technical support make installation simple.

### Features:

- Facilitates more accurate testing
- Produces a uniform test environment that duplicates like conditions
- Creates a safer environment for test technicians
- Indoor or Outdoor models
- Easier to build than conventional construction
- Predictable and guaranteed noise reduction
- Custom designs to meet the requirements of your facility

Noise Barriers QuietTest™ Audiometric Exam Rooms have been field tested and certified to be in compliance with the Maximum Permissible Ambient Noise Levels per ANSI S3.1-1999 (2003) and OSHA 1983 Specifications, and laboratory tested to meet requirements of ASTM-E596. Optional field testing is available and quoted upon request. Laboratory Sound Transmission Loss and Noise Reduction Coefficient ratings are as follows:

#### Acoustic Performance Data QuietTest™ Room

Octave Band Center Frequency, Hz

|        | 125 | 250 | 500 | 1K | 2K | 4K | 8K | NIC |
|--------|-----|-----|-----|----|----|----|----|-----|
| SINGLE | 27  | 40  | 48  | 52 | 59 | 58 | 59 | 50  |
| DECOR  | 42  | 55  | 64  | 72 | 74 | 76 | 77 | 60  |
| DOUBLE | 51  | 75  | 94  | 91 | 96 | 96 | 93 | 74  |

Sound Transmission Loss, dB

Octave Band Center Frequency, Hz

|        | 125  | 250  | 500  | 1K   | 2K   | 4K   | NRC |
|--------|------|------|------|------|------|------|-----|
| SINGLE | 0.49 | 0.37 | 0.83 | 0.96 | 0.99 | 1    | 0.8 |
| DECOR  | 0.35 | 0.65 | 1.2  | 1.21 | 1.07 | 0.92 | 1   |
| DOUBLE | 0.49 | 0.37 | 0.83 | 0.96 | 0.99 | 1    | 0.8 |

Sound Absorption Coefficient

Please contact us for specific product specifications and descriptions. CAD drawings and configurations to meet special requirements are available upon request.





## Additional Benefits:

- Single source responsibility for design, supply and installation
- Easy to assemble, relocate or reconfigure
- Lease options available
- Standard and custom layouts...let our design team help you select the best configuration for your application!
- Subject to accelerated depreciation as equipment\*
- Purchase may apply to the expanded section 179 tax code\*

### Professional Series

Perfect for noise sensitive areas Provides in excess of 40dBA sound reduction The choice of many professional test facilities

### Modular Wall and Ceiling Panels

- 4" thick modular wall panels and 4" thick ceiling panels

### Sound Control Doors

- Single-leaf 42" or 48" wide doors or 72" wide double-leaf doors with windows

### Sound Control Windows

- Double glazed windows: up to 48" wide and 48" high

### Silenced Ventilation System

- Including inlet and exhaust plenums, silencers and motor/blower assembly for any airflow requirement — custom layouts available



### The Bottom Line:

Our Sound control enclosures start performing the moment they arrive on the job site. Get in touch with us today to discuss your QuietTest™ Enclosure needs.

## Installation Service Available

# Have other sound control needs?

Below are some of our other product lines

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## QuietSwing™

ARCHITECTURAL  
ACOUSTIC DOORS



## QuietLite™

ARCHITECTURAL OR  
INDUSTRIAL  
ACOUSTIC WINDOWS



## QuietPerf™

ARCHITECTURAL OR INDUSTRIAL  
PERFORATED SOUND ABSORPTION  
PANELS

