Audiometric Mini Booths

Are you setting up an audiology practice or are you conducting industrial screening and require a quality testing area that does not use too much room?

Not a problem! Our small Audiometric Mini Booths have a footprint of less than 1.5 square meters, yet have a spacious feel inside. Eliminating noise, our booth is designed for screening in an industrial environment and for hearing testing under OHS (Office of Hearing Services) regulations.
Nominal External*

Width: 1115mm  
Depth: 820mm  
Height: 2015mm  
Nominal Weight: 350kg 

* please note a minimum 100mm clearance around the room is required for fan ventilation and other penetrations.

With a high performance noise reduction and easy relocation our audiometric chambers have as standard a positive door seal, instrument jack panel, double-glazed viewing window in door, internal lamp and ventilation. Acoustical Design products are designed to meet applicable international standards of performance and quality.

Product Features

- Steel external construction  
- Perforated steel internal construction  
- Quality two pack paint external and internal finish  
- Optional fabric panel internal lining  
- Instrument jack panel  
- Double glazed window in door  
- Ventilation system  
- Carpet  
- Earth leakage circuit  
- Heavy duty castors  
- External equipment tray

Acoustic Performance

Our chambers are wholly Australian made and designed to meet the Australian Hearing Conservation Code AS-1269 for carrying out audiometric testing.

When tested according to the requirements of the Australian Hearing ATR-1 Appendix Test method for evaluation of Hearing Booths, our chambers provide the following sound reduction results.

<table>
<thead>
<tr>
<th>Octave Band Centre Frequency (Hz)</th>
<th>125</th>
<th>250</th>
<th>500</th>
<th>1k</th>
<th>2k</th>
<th>4k</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Reduction (dB)</td>
<td>20</td>
<td>25</td>
<td>30</td>
<td>35</td>
<td>40</td>
<td>45</td>
</tr>
</tbody>
</table>

Specifications

Booth type Mini Booth
External size 1115mm x 820mm
Height 2015mm on casters

External

Panel thickness Walls 60mm, roof 60mm, floor 60mm
Paint colour White
Door swing Outward
Door hinged Either left or right
Window size 400mm x 500mm
Patch panel options 6 pin patch

Internal

Panels Painted perforated steel
Carpet colour Charcoal or client to specify

Electrical

Lighting Single Fluorescent
Fan Silenced ventilation system
Earth leakage circuit Yes
Power connection 10amp power inlet

About the manufacturer

Acoustical Design has been producing quality acoustic solutions for almost 30 years and is now a leader in the manufacturing and installation of audiometric testing chambers in Australia.

Acoustical Design is a member of the following organizations:

- Association of Noise Control Engineers Inc.
- Our staff & director are members of the Australian Acoustical Society

Australian Distributer:

SONIC  
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