

MINI BOOTHS

This unit is available in one size and is designed as a low cost audiometric screening room. It is supplied as a pre-assembled one piece item and is designed to fit through a standard door.

The design suits medical offices, mobile screening facilities, school hearing testing, industrial hearing conservation programs and clinical centres. The units are fitted with castors for greater mobility.



Size

External dimensions are: 820mm wide x 950mm deep and 1890mm high. This gives sufficient internal space for the test subject to comfortably sit in a standard office chair during testing.

Installation

Using the in-built castors the booth can be maneuvered into position with ease. Once in position the wheels should be locked. If the unit is to be relocated unlocking the wheels is a simple procedure. If the location is pre-determined or fixed as an alternative to the castors, fork lift location ribs can be incorporated.

AUDIOMETRIC ROOMS

A standard design that is available in a variety of sizes, utilizing standard Sound Seal panels. The standard room is designed to achieve internally the 14 dB threshold at 1000 Hz as defined in AS1269.4, providing the external noise environment does not exceed 65dBA.

Installation

These rooms are modular in design and individual components can be carried through a standard size door. Two people can carry any single item, the maximum design weight of any single panel is 55 kg.

Application

These standard rooms are typically used in professional medical centres and large industrial testing locations. Large industrial entities will often have their own on-site test facilities.

Size

Although made from standard components, the size can vary from 1050mm x 1600mm to 1600mm x 2150mm in cross section. The overall height including the floor and its anti-vibration mounting would not normally exceed a maximum of 2650mm.



Standard Fittings

Mini Booth

- » Supplied in one piece
- » Full sized hinged door
- » Window 500mm x 600mm
- » Ventilation system activated when internal light switched on
- » Internal light pre-wired to external power socket
- » 4 colour coded jack panel
- » Commercial carpet on the floor
- » Internal and external standard finish is powder coated
- » One 12 volt power socket

Noise Reduction

	Octave Band Centre Frequency Hz						
	125	250	500	1K	2K	4K	8K
Noise Reduction dB	19	29	38	46	52	55	55

Audiometric Rooms

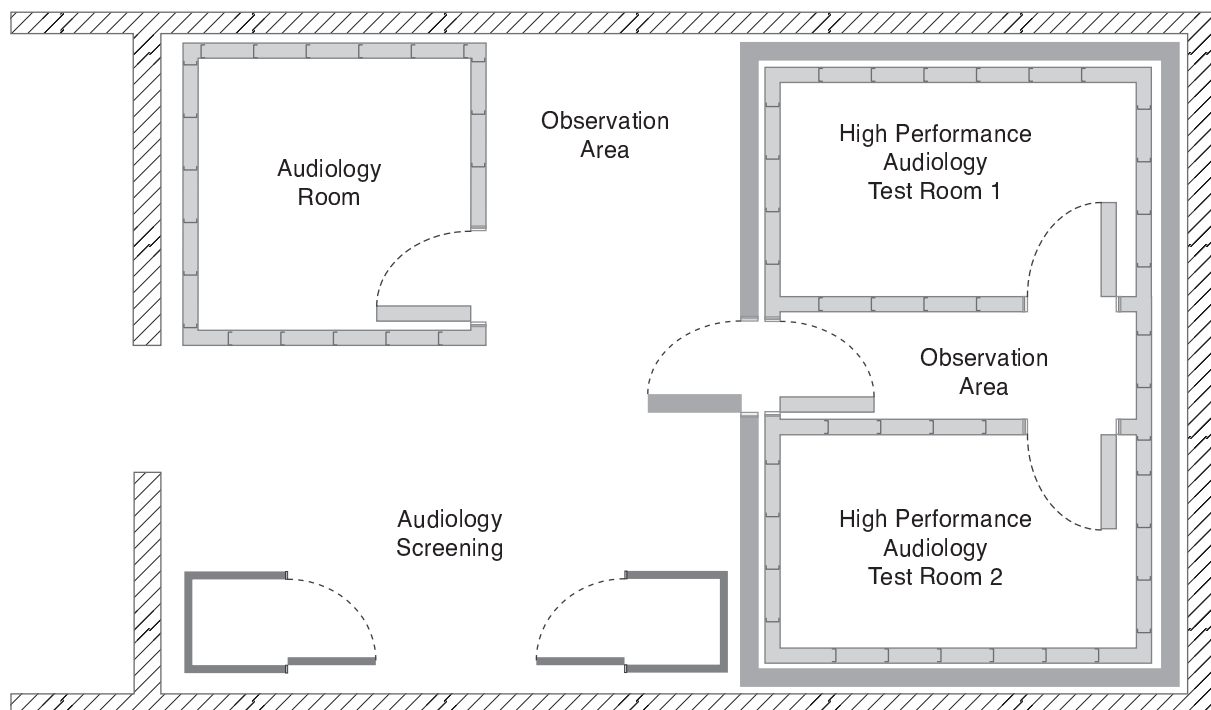
- » Generally all the attributes of the Mini Booth with enhanced features.
- » Mounted on fully isolated anti vibration mounts
- » Supplied in standard panels for site assembly
- » Ventilation system supplies one air change every 5 minutes
- » Double wall construction available for increased performance

Noise Reduction

	Octave Band Centre Frequency Hz						
	125	250	500	1K	2K	4K	8K
Noise Reduction dB	27	35	40	50	55	55	55

AUDIOMETRIC SUITES

These are purpose designed entities usually found in major teaching hospitals and universities. They are turnkey projects where the shape, size and performance are fully customized. A typical layout is shown below which would cover all aspects of audiology research and testing.



Standard Specifications

These incorporate all of the Mini Booth and Audiometric Room characteristics, however due to the nature of the work carried out in an Audiometric Suite the electrical connections, internal electronics, finish and performance will be to the clients individual specification.