



iac-acoustics-thailand.com

Single Occupancy Audiology Booths

MAKING
THE
WORLD

A QUIETER
PLACE

Audiology Facilities

Overview

IAC Acoustics is the world's leading supplier of audiometric testing and medical research facilities. Having designed and built over 40,000 rooms since 1949, for hospitals, clinics, universities, schools, laboratories and medical centres internationally. Whether you require a standard screening booth, customised audiology room/suite or a vehicle-mounted mobile unit, you can be confident that IAC audiometric test facilities will comply fully with all relevant acoustic criteria, technical standards and international design specifications.

IAC is able to offer the following types of audiology facility:

- Single occupancy booths
- Standard booths (of varying different sizes and layouts)
- Bespoke rooms and booths
- Mobile facilities
- Hospital / clinic complete fit-out
- Refurbishment of existing rooms
- Room treatments / conversions for existing rooms being modified for audiology testing

In addition to the above, IAC can also provide a complete turnkey service.

World class facilities.

IAC audiology facilities are among the best performing in the world. As the world's leading noise control company, you can be confident of taking reliable measurements.

Single Occupancy Audiology Booths

The 250 Series Mini Sound Shelter

The smallest booth in IAC's standard range, the 250 Mini Sound Shelter is an excellent, proven, low-cost solution for industrial audiometry and complies fully with ISO 8253-1:2010. Fitted with castors for complete mobility, it can be supplied fully assembled or in kit form. It is equipped with its own ventilation system, lighting, shelf and jack panel (for audiometer connection).



The 350 Series Maxi Sound Shelter

A slightly larger booth than the 250 Series, it provides a controlled acoustic environment in which hearing evaluation can be undertaken efficiently at low cost, whilst complying with ISO 8253-1:2010. Equipped with its own ventilation system, lighting, and jack panel (for connection to an audiometer) it is ready to use within hours of delivery.



Space-saving performance.

IAC audiology booths provide an ideal environment for hearing testing whilst taking up minimal floor space



250 Series Mini Sound Shelter

Providing a controlled acoustic environment in which hearing screening can be undertaken efficiently at low cost, whilst complying with ISO 8253-1:2010

The compact design of the 250 Series Mini Sound Shelter allows it to pass easily through any standard doorway and fitted castors make it completely mobile. Equipped with its own ventilation system, lighting, seat, shelf and jack panel (for connection to an audiometer) it is ready to use within minutes of delivery.

Dimensions

	W (mm)	D (mm)	H (mm)
Outside Dimensions	777 (including shelf)	981	1943
Inside Dimensions	604	860	1680

Weight

295kg net, 322kg shipping weight.

Construction

IAC 53mm thick Noishield™ panels - plain galvanised steel exterior surfaces and perforated galvanised steel interior surfaces.

Door

One 604mm wide x 1680mm high (clear opening) IAC Noise-lock® door. For complete safety and effective acoustic control, self-aligning magnetic compression seals are mounted on the top, bottom and sides of the door leaf. The door can be supplied with either a right or left hand opening.

Window

One double glazed unit comprises 6mm thick safety glass fitted in aluminium frames; clear view 750mm high x 600mm wide. The lower portion of the window has a frosted section.

Jack Panel

Completely pre-wired, flush-mounted jack panel consists of nine 6.4mm 3 pole sockets and one Type A USB connection.

Data

To comply with the ISO Standard BS EN ISO 8253-1:2010* the appropriate permissible background / external noise level is no greater than 57dB (at 500Hz) assuming a noise barrier headset (audiocups) is used. If a higher degree of noise reduction is required, please contact IAC.

*ISO 8253-1:2010 supersedes and replaces EN 26189/ISO 6189/BS 6655, which have been withdrawn.

Ventilation

Ceiling panel contains a 12 volt IAC Tranquil-aire™ all-in-one silenced ventilation system.

Lighting

LED maintenance free, sensor operated ceiling recessed light, 12 volt.

Shelf (external)

Folding shelf for audiometer, 680mm long x 450mm deep.

Seat (internal)

Fixed moulded bench seat, 450mm deep, colour black.

Electrical

A 3000mm long drop cord complete with mains/12 volt transformer is provided for connection to a 220/240 volt mains power point.

Floor

Foam-backed carpet, colour Black.

Paint Finish

White polyester powder coated, RAL 9010 matt. Exterior and interior.

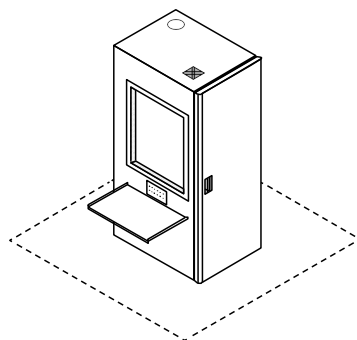
Installation

Booth is supplied pre-assembled, finish decorated and ready for use. Also available in kit form where access is difficult for an assembled unit.

Optional Equipment

(Additional costs apply)

- (a) Anti-vibration mounts
- (b) Alternative wired jack panels
- (c) Alternative paint colours / finishes



350 Series Maxi Sound Shelter

Providing a controlled acoustic environment in which hearing screening can be undertaken efficiently at low cost, whilst complying with ISO 8253-1:2010

The 350 Series Maxi Sound Shelter provides a controlled acoustic environment in which hearing evaluation can be undertaken efficiently and at low cost, whilst complying with ISO 8253-1:2010. Equipped with its own ventilation system, lighting, and jack panel (for connection to an audiometer) it is ready to use within hours of delivery.

Dimensions

	W (mm)	D (mm)	H (mm)
Outside Dimensions	1000	1069	2253
Inside Dimensions	894	948	2000

Weight

350kg net, 400kg shipping weight.

Construction

IAC 53mm thick Noishield™ panels - plain galvanised steel exterior surfaces and perforated galvanised steel interior surfaces.

Door

One 894mm wide x 2000mm high (clear opening) IAC Noise-lock® door. For complete safety and effective acoustic control, self-aligning magnetic compression seals are mounted on the top, bottom and sides of the door leaf. The door can be supplied with either a right or left hand opening.

Window

One double glazed unit comprises 6mm thick safety glass fitted in aluminium frames; clear view 750mm high x 600mm wide. The lower portion of the window has a frosted section.

Jack Panel

Completely pre-wired, flush-mounted jack panel consists of nine 6.4mm 3 pole sockets and one Type A USB connection.

Data

To comply with the ISO Standard BS EN ISO 8253-1:2010* the appropriate permissible background / external noise level is no greater than 57dB (at 500Hz) assuming a noise barrier headset (audiocups) is used. If a higher degree of noise reduction is required, please contact IAC.

*ISO 8253-1:2010 supersedes and replaces EN 26189/ISO 6189/BS 6655, which have been withdrawn.

Ventilation

Ceiling panel contains a 12 volt IAC Tranquil-aire™ all-in-one silenced ventilation system.

Lighting

LED maintenance free, sensor operated ceiling recessed light, 12 volt.

Electrical

A 3000mm long drop cord complete with mains/12 volt transformer is provided for connection to a 220/240 volt mains power point.

Floor

Foam-backed carpet, colour Black.

Paint Finish

White polyester powder coated, RAL 9010 matt. Exterior and interior.

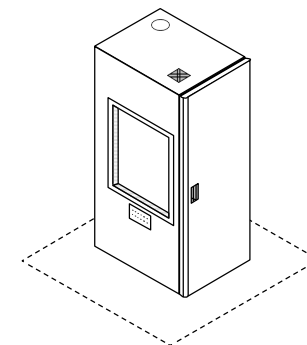
Installation

Booth is supplied in kit form, finish decorated and ready for assembly. Concise instructions are included or alternatively IAC personnel can undertake the assembly.

Optional Equipment

(Additional costs apply)

- (a) Anti-vibration mounts
- (b) Alternative wired jack panels
- (c) Alternative paint colours / finishes





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IAC has worldwide offices and manufacturing plants in the UK, Australia, Canada, China, Malaysia, Indonesia, Thailand, Philippines Denmark, France, Germany, Italy, Spain, UAE - Dubai, USA Houston, USA Lincoln, USA - New York.

