

IAC Acoustics 250 Series

Single Occupancy Audiometric Screening Booth

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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.

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.

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.

Ventilation

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

Jack Panel

Completely pre-wired, flush-mounted jack panel consists of nine 6mm 3 pole sockets & one USB connection.

Lighting

LED maintenance free, 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 220/240v mains power point.

Paint Finish

White polyester powder paint, 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.



Floor

Foam-backed carpet, colour Black.

Dimensions

| | W (mm) | D (mm) | H (mm) |
|--------------------|--------|--------|--------|
| Outside Dimensions | 827* | 990 | 1945 |
| Inside Dimensions | 604 | 860 | 1680 |

* including shelf bracket

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 Acoustics.

*ISO 8253-1:2010 supersedes and replaces EN 26189/ISO 6189/BS 6655, which have been withdrawn.

Optional Equipment (Additional costs apply)

- Anti-vibration mounts
- Alternative wired jack panels
- Alternative paint colours