

MINI 250 Series Hearing Screening Booth

A proven, low-cost solution for clinical and industrial audiology screening



- IAC's best-selling soundcontrolled booth
- Supplied fully assembled or in 'kit' form
- Fitted with castors for full flexibility
- Left hand or right hand door option
- LED lighting
- Silenced air ventilation system
- Complies with ISO 8253-1 : 2010

MINI 250 Series Hearing Screening Booth

The 250 Series Mini Sound Shelter provides a controlled acoustic environment in which hearing screening can be undertaken efficiently at low cost, whilst complying with ISO 8253-1 : 2010. Its compact design 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	730	985	1963
Inside Dimensions	605	860	1680

Weight: Approx. 280kg net.

Construction

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

Door

One 605mm wide x 1680mm high (clear opening) IAC 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 760mm high x 610mm 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.

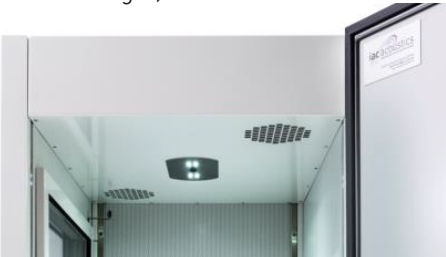
Jack panel

Completely pre-wired, flush-mounted jack panel consists of nine 6.3 mm 3 pole sockets & one USB connection.



Lighting

LED maintenance free, ceiling recessed light, 12 volt.



Electrical

A 3 m long drop cord complete with mains/ 12 volt transformer is provided for connection to a 220/240v mains power socket.

Acoustic Performance

Typical sound insulation is defined here as the measured sound pressure level difference of the assembled cabin in a reverberation chamber from inside to outside.

Octave band center frequency [Hz]	125 Hz	250 Hz	500 Hz	1.000 Hz	2.000 Hz	4.000 Hz	8.000 Hz
Typical Sound Insulation R [dB]	18 dB	32 dB	38 dB	44 dB	51 dB	52 dB	50 dB

Shelf (external)

Folding shelf for audiometer, 680mm long x 445mm deep.

Seat (internal)

Fixed seat, black, designed for max. weight up to 120 kg.

Floor

Floor entry threshold height: approx. 110 mm. Carpet, colour black

Paint Finish

White powder paint, RAL 9010 white 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
- (d) Intercom
- (e) Customized logo and branding

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