

MAXI 350 Series Hearing Screening Booth

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



- Supplied 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

MAXI 350 Series Hearing Screening Booth

The 350 Series Sound Shelter 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.

Dimensions

	W (mm)	D (mm)	H (mm)
Outside Dimensions	1000	1070	2270
Inside Dimensions	895	950	2000

Weight: Approx 390kg net.

Construction

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

Door

One 894mm wide x 2000mm 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. 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.

Ventilation

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

Jack panel

Completely pre-wired, flush-mounted jack panel consists of nine 6.3mm 3 pole sockets and 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.

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 in kit-form, finish decorated. Concise build 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
- (d) Acoustic window in door
- (e) Intercom
- (f) Customized logo and branding

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

IAC Acoustics A/S

T: +45 36 77 88 00

E: mail@iac-nordic.dk

www.iac-nordic.dk