



For everyone



Eckel AB 4230 Audiology booth

With a considered design, Eckel’s pre-assembled AB 4230 audiology booth offers unrivaled acoustic performance.

The AB Series is unique to the market given their size, acoustic integrity, durability and utility.

The AB 4230 allows for accurate, safe and reliable hearing tests in low noise and traffic areas, or where OSHA Standards apply.

Patient comfort

The booth is equipped with a silenced ventilation system, maintenance-free LED lighting and a large double-glazed acoustic window to ensure maximum patient comfort whilst the audiometric test is completed.

Space saving

Known for their compact size and practicality, the AB Series audiology booths are small enough to fit through a standard 30in doorway.

Ideal for small-footprint applications, such as medical offices, clinical laboratories, schools, and business or industrial settings.

The AB 4230 can be widely incorporated into trailers and cargo vans used in mobile test facilities.

Functionality

The AB 4230 is available with lighting, carpeting, vibration isolators or heavy-duty castors, and universal jack panel (adaptable to any audiometer).

Ease of use

The large entry door allows for easy access and the spacious interior is designed to allow test subjects to move unimpeded in the room.

Additionally, the optional cam-lock construction facilitates disassembly for moving, storage or shipping.

Key features

Supplied pre-assembled or dissembled

Universal jack panel

Silenced ventilation system and lighting

Fitted with castors for complete mobility

Large double-glazed acoustic window

Compact design for small-footprint areas

Universal hinged door for complete flexibility

Shelf-kit included with all AB booths

Eckel AB 4230

For controlled audiological measurements

Technical specifications

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Exterior dimensions: (W x D x H)	42" x 30" x 75" 1067mm x 762mm x 1905mm.
Interior dimensions: (W x D x H)	38" x 26" x 68" 965mm x 660mm x 1727mm.
Weight:	800 lb, 363 kg.
Construction:	2" (50mm) Camlock panel system or fully welded.
Door:	Heavy flush-mounted door with continuous perimeter magnetic seal.
Window:	23" (584mm) W x 23" (584mm) H double-glazed square framed window.
Jack panel:	8 x 1/4" (6.3mm) phone jacks, 2 x USB Ports, 1 x 1 3/4" (44mm) pass through.
Ventilation:	In-wall 2" (50mm) ventilation system.
Lighting:	LED Lighting.
Electrical:	Pre-wired electrics.
Floor:	8.75 sq. ft, 0.81 sq. m.
Installation:	Booth is supplied pre-assembled or dissembled upon request.
Paint finish:	Standard linear white, lux white, beige, warm gray (special colors are available).

The Eckel AB 4230 is manufactured by Eckel and distributed by Amplivox Ltd.

Noise reduction

To comply with the relevant standard; BS EN ISO 8253-1:2010, the appropriate permissible background/external noise level should be 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 Amplivox.

Preferred octave band center frequency (Hz)	Noise reduction (dB)
125	18
250	32
500	38
1000	44
2000	51
4000	52
8000	50

Optional equipment

- Vibration isolators
- Intercom
- Booth leads
- Alternative wired jack panels
- Alternative paint colors



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The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.

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