

# ECKEL

NOISE CONTROL TECHNOLOGIES

Audiology  
Series  
Spec Sheets  
**2019**  
[www.audiologyrooms.com](http://www.audiologyrooms.com)

## Audiology Booths Rooms & Suites

Clinical &  
Diagnostic  
Practice



Going  
Strong  
**65+**

Eckel Booths, Rooms & Suites  
a Foundation of the Audiology  
Industry For 65+ Years

Standard  
& Custom  
Engineered  
Solutions

## Mini Audiology Booths

Toll-free 1-800-563-3574 | International +1-613-543-2967 | [www.audiologyrooms.com](http://www.audiologyrooms.com)

ISO 9001:2015 and ISO 14001:2015



Face to face contact helps our clients remain at ease during assessments



### Custom Finish

Eckel offers a rainbow of mini-booth finishes to promote brand and corporate colours.

# Mobile Work Spaces

## Eckel Mini Booths

Practical & Economical Meet a Whole lot of Fun

### Construction

The fully demountable, Eckel AB-4200 Series of Audiology Booths features unique all-steel, 2" (50mm) thick interlocking panels, utilizing our cam-lock system.

The Eckel AB-200/2000 Series of Audiology Booths features a fully welded construction utilizing 2" (50mm) thick acoustic panels.

### Doors

Cam-Lock models only. Heavy flush-mounted door with continuous perimeter magnetic seal. Universal door swing, LH or RH hinge, can be changed in the field by turning the door panel.

### Windows

23" x 23" (584 x 584mm) square framed, double-glazed acoustic

window. Interior sound absorbing barrier. Allows excellent visual observation and monitoring. Frame is removable for maintenance or glass replacement.

### Ventilation

Silenced forced air ventilation is standard. Ventilation is turned on in conjunction with the interior light. Ventilation noise levels comply with published specifications and with added speed controller.

### Electrical

All rooms are supplied with CSA certified and standard tested, pre-wired 120 volt recessed internal and external facing recessed hospital grade duplex receptacles. Power is supplied via a power

# Mini-Booth AB Series



## (Electrical Continued)

cord connected to the customer's 120 volt source or may be hard wired upon request. For international customers country specific electric and cord configurations are available. Unit is pre-wired and includes 72" (1800mm) long supply lead which plugs into your local supply socket. Lighting fixture incorporates light/fan switch.

Available options include 120v -60Hz. CSA/UL Approved Electrical – C22.2 601.1 Medical Electrical Equipment and 240v configurations.

## Finish

Standard finish is textured polyurethane enamel in Eckel White, Beige or Warm Grey; other colours available on request at additional charge.

## Ceiling Integrated Silencer Systems

The integrated silenced ventilation system consists of factory installed extract air fans and a passive intake air flow. The fans are quiet with low power consumption. For customers wanting to connect to their existing HVAC system, optional vent collars are available.

## Carpet

Commercial quality, color coordinated carpet provided for interior floor of booth.

## Casters & Isolators

Heavy duty casters (2x swivel, 2x locking) supplied as standard. Optional neoprene in shear, vibration isolators mounted on steel rails. As well as full lock-down conversion kits for mobile trailers and onsite testing.

## Optional Trailer Mounting

Includes two wall mounted isolated bracing brackets, travel door latch, one layer of 3/8" rubber mat glued to floor, and pre-drilled holes in floor for anchoring to trailer chassis.

## Packaging

Single AB4230, AB4240, AB200 and AB2000 models are packaged assembled on a small pallet and protected by heavy duty carton. AB4250 is always supplied flat-pack, mounted on a pallet and protected. Multiple units are bulk crated for shipping.

Cam-Lock model mini-booths are fully demountable. The Cam-Lock system allows mini-booths to be handled, shipped and stored with ease.

↑ Colourful Eckel Mini-booths are the perfect solution to mobile and onsite testing needs

Standard Jack Panel Includes:  
12 x ¼" (6mm) Phono Jacks,  
2 x USB Ports,  
1 x 1 ¾" (44mm) Pass Thru.

**Sound travels along direct and indirect paths.  
Acoustic treatments and enclosures help to control the  
sound transfer of noisy equipment and environments.**

# AB-200/2000 & 4000 Series Specifications

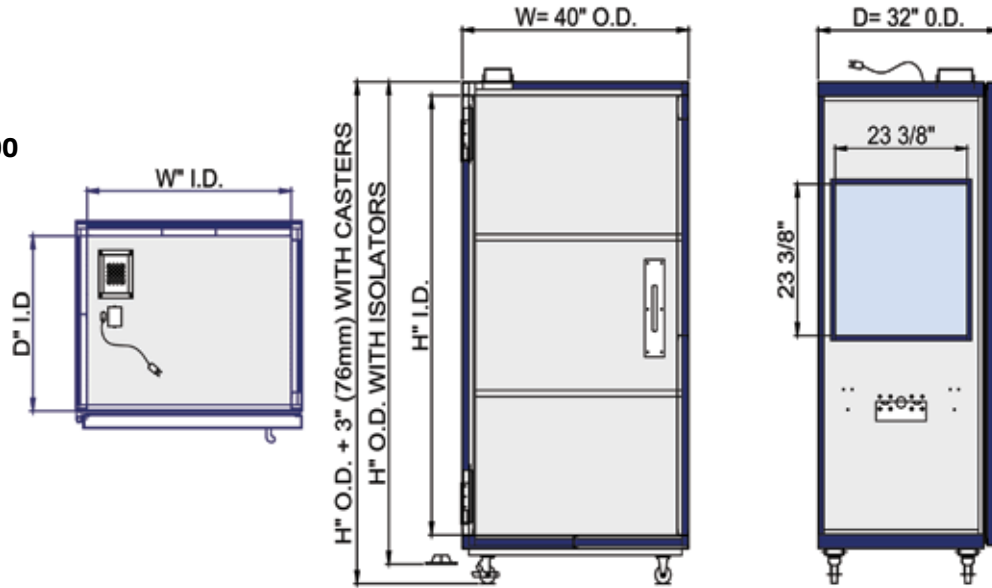
## AB - Series 200/2000

Welded Construction \*

Optional Features:

A) Door Window  
(Laminated)  
9" x 45"  
(229mm x 1143mm)

B) Trailer Mounting  
Package  
\*Delivered assembled  
and ready to use.



Model No.	Outside Dimensions (O.D.) Width (W) x Depth (D) x Height (H)	Inside Dimensions (I.D.) Width (W) x Depth (D) x Height (H)	Floor Area sq ft / sq m	Weight lb / kg
AB 200	40" x 32" x 65" 1016mm x 813mm x 1651mm	36" x 28" x 58" 914mm x 711mm x 1473mm	8.89 sq. ft. 0.83 sq. m.	700 lb 318 kg
AB 2000	40" x 32" x 75" 1016mm x 813mm x 1905mm	36" x 28" x 68" 914mm x 711mm x 1727mm	8.89 sq. ft. 0.83 sq. m.	800 lb 363 kg

## AB - Series 4230/4240/4250

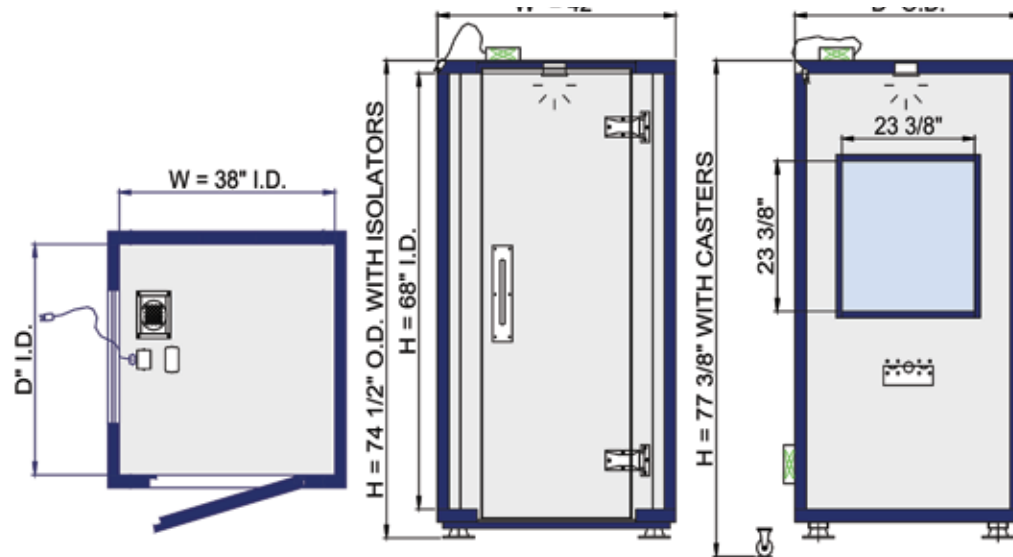
Cam-Lock Construction \*

Optional Features:

A) Door Window  
(Laminated)  
9" BY 45"  
(229mm x 1143mm)

B) Trailer Mounting  
Package

\*Cam-lock construction provides flexibility in moving, storing, and shipping



Model No.	Outside Dimensions (O.D.) Width (W) x Depth (D) x Height (H)	Inside Dimensions (I.D.) Width (W) x Depth (D) x Height (H)	Floor Area sq ft / sq m	Weight lb / kg
AB 4230	42" x 30" x 75" 1067mm x 762mm x 1905mm	38" x 26" x 68" 965mm x 660mm x 1727mm	8.75 sq. ft. 0.81 sq. m.	800 lb 363 kg
AB 4240	42" x 40" x 75" 1067mm x 1016mm x 1905mm	38" x 36" x 68" 965mm x 914mm x 1727mm	8.75 sq. ft. 0.81 sq. m.	880 lb 399 kg
AB 4250	42" x 50" x 75" 1067mm x 1270mm x 1905mm	38" x 46" x 68" 965mm x 1168mm x 1727mm	8.75 sq. ft. 0.83 sq. m.	950 lb 431 kg

# AB-200/2000 & 4000 Series Specifications

## Standard Features

- ▶ 2" (50mm) Cam-Lock Panel System or Fully Welded
- ▶ 36" W x 58" H (914mm x 1473mm) Clear Opening Door
- ▶ Universal LHH or RHH Door (Cam-Lock modes only)
- ▶ 23" (584mm) W x 23" (584mm) H Double Glazed Square Framed Window
- ▶ In-wall 2" (50mm) Ventilation System
- ▶ Separate Light/Fan Switch
- ▶ 12 x 1/4" (6.3mm) Phono Jacks, 2 x USB Ports, 1 x 1 3/4" (44mm) Pass Thru
- ▶ Optional Vibration Isolators or Heavy Duty Casters
- ▶ Colour: Standard Eckel White, Beige, Warm Grey (Special colors are available)
- ▶ Fully Demountable (Cam-Lock models only)
- ▶ LED Lighting
- ▶ Pre-wired Electrics, Ready to Use



“ Eckel's high quality audiology AB mini-booths are specially engineered to provide outstanding acoustic performance in low noise & low traffic areas.



### ⬆ Mini-Booth Trailer Mounting Option

Lock-down conversion kits can be purchased for Mini-booths models, providing ease of installation inside trailers and for onsite or mobile testing.

ROOM MODEL	OCTAVE BAND FREQUENCY (HZ)						
	125	250	500	1K	2K	4K	NIC
NOISE REDUCTION (dB)							
AB Series	19	28	38	46	52	54	40

# Audiology Booths, Rooms & Suites

## Custom Designs

Custom Designed Engineered Noise Control Products and Systems are available from Eckel. We are up to any design challenge. Speak with an Eckel representative to outline your customized specialty requirements.

## Professionalism

### AUDIOLOGY

A growing seniors market has led the demand for audiological services.. With fierce competition audiologists must take measures to ensure their clinic presents a welcoming and professional environment.

## Eckel Provides a Variety of Audiology Solutions

Audio Booths, Rooms and Suites for Diverse Clinical Applications

### AB Series Booths

#### MINI-BOOTHS

Pre-assembled and ready to use AB Series audiology booths offer high performance in a small package. Ideal for small footprint applications including medical offices clinical laboratories, schools, business and industrial settings. Booths are small enough to fit through a standard doorway while large enough to conduct testing. Unique in the market for mini-size, acoustic integrity, durability and utility. Cam-Lock models are fully demountable. Choose from Cam-Lock & Fully Welded models.

### C/H & CL/HL Series

#### ROOMS

Eckel's C/H and CL/HL Series rooms are the gold standard of the audiology industry. These premium quality, innovative rooms offer a wide range of options designed for precise audiometric measurement applications, including audiology, medical offices, research institutes and more. The series is ideal for industry and private clinics. All models have a clinical jack panel for greater versatility. Ideal for sound field measurements, brain stem audiometry, and hearing aid evaluation.

### S Series

#### SUITES

Superb acoustic control is attained through high performance double walls, ceiling and floor panels providing outstanding noise control. Suites are available in double-wall designs for high ambient noise applications. Flush sill acoustic doors feature a continuous magnetic seal to maintain acoustical integrity. Custom audiology rooms can be tailored to specific space requirements, and generally include "Room within a Room" designs, which provide optimal acoustic isolation.

### M Series

#### MULTI

Multi-station suites are ideal for group testing environments. The series features high performance acoustic doors, fully isolated floors, custom interior wall coverings, carpeting and low noise ventilation and air-conditioning systems. Options include multi-glazed observation windows and Low Profile doorways. Designed for multi-person testing, the Eckel M-series is applicable for baseline group testing and found in military and recruitment offices, fire stations and various industries.



## Did you know?

Eckel's Unique Cam-Lock system connects and secures panels

Cam-Lock offers flexibility in moving, storing, and shipping audiology systems.

No other audiometric room or booth on the market features this innovative design.



# ECKEL

NOISE CONTROL TECHNOLOGIES

Innovative Technologies to  
Better the Human  
Experience

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# Mini Audiology Booths 2019

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