

The Pre-assembled Eckel Audiometric Booth is designed for: Medical offices and clinical applications, School hearing testing, Industrial hearing conservation programs



**AB-200**

Eckel Audiometric Booths are the most practical and economic units available - high quality audiometric booths specially engineered to provide outstanding acoustic performance. The advanced design of the Eckel unit features all-welded unitized construction; acoustic integrity, as well as durability, is thereby ensured. No other audiometric booth on the market offers this superior construction and quality. The booth is delivered fully assembled, ready to use, and will readily pass through a 30" clear opening doorway. The large overlapping side entry door with continuous magnetic seals allow the person being tested to enter and exit easily. Standard features include lighting, carpeting, vibration isolators or heavy duty castors, universal jack panel (adaptable to any audiometer), and forced air ventilation.

## SPECIFICATIONS

### PERFORMANCE:

dB noise reduction: (1/3 Octave Center Frequency) as tested by an independent laboratory per ASTM 596-77.

Hz	125	250	500	1000	2000	4000	8000
	19	28	38	46	>52	>54	>54

### CONSTRUCTION:

Eckel Audiometric Booths feature unique all-steel, all-welded construction as standard. Wall thickness is 2" with 16 ga exterior, 22 ga perforated interior.

### DOOR:

2" thick overlapping door with continuous perimeter magnetic seals. Door hinges are cam-rise post and socket so that door may be easily removed.

### WINDOW:

23" x 23" (584 mm x 584 mm) 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 activated when light is turned on. Noise levels with ventilation comply with ANSI standards.

### ELECTRICAL:

Unit is pre-wired and includes an 8' (2438mm) 3 wire extension cord which plugs into booth. Lighting fixture incorporates light/fan switch. 120V-60Hz is standard, 240V-50Hz available on request.

### JACK PANEL:

Standard jack panel includes six (colour coded) 1/4" N112B phone jacks with plugs. Additional connectors available as accessories for most applications.

### FINISH:

Standard finish is textured polyurethane enamel. Standard colour is beige. Other colours available at additional cost.

### CARPET:

Commercial quality, colour coordinated carpeting is provided in the booth's interior.

### VIBRATION ISOLATORS / H.D. CASTERS

Choice of neoprene in shear isolators mounted on steel rails or H.D. casters (2 swivel, 2 locking).

### PACKAGING:

Heavy duty carton on wooden skid.



**AB-2000**

### WEIGHTS

#### & MEASURES:

			Interior			Exterior		
			W	D	H	W	D	H
AB-200	600 lb / 273 kg net wt.		36"	28"	58"	40"	32"	65"
	650 lb / 295 kg ship. wt.	mm	914	711	1473	1016	813	1651
AB-2000	650 lb / 295 kg net wt.		36"	28"	68"	40"	32"	75"
	700 lb / 318 kg ship. wt.	mm	914	711	1727	1016	813	1905

## OPTIONAL ACCESSORIES

- Non-standard jacks
- Window in door
- Swivel chair on heavy duty chrome base
- Non-standard colours
- Fold-down shelf

\* Specifications subject to change without notice

# ECKEL AUDIOMETRIC BOOTH

MODEL AB-4230 | MODEL AB-4240  
MODEL AB-4250



MODEL AB-4230  
MODEL AB-4240  
MODEL AB-4250

Eckel Audiometric Booths are the most practical and economical units available - high quality audiometric booths specially engineered to provide outstanding acoustic performance. The advanced design features cam-lock construction, which provides flexibility in moving, storing, and shipping. The cam-lock design ensures that acoustic integrity, durability and utility remain intact. No other audiometric booth on the market offers this superior construction and quality. The booth is delivered assembled, ready to use. The knock-down packaging is offered as an option or for bulk export shipping. The flush-mounted entry door with continuous magnetic seal allows the person being tested to enter and exit easily. Lighting, carpet, vibration isolators (heavy duty casters are optional), six universal 1/4" (6.3 mm) phone jack panel, and forced air ventilation, are all standard.

## SPECIFICATIONS

### CONSTRUCTION:

The Eckel Audiometric AB-4200 Series booths feature unique all-steel, cam-locking, interlocking panel, 2" (50 mm) construction.

### DOOR:

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

### WINDOW:

23" x 23" (584 mm x 584 mm) 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 activated when light is turned on. Noise levels with ventilation comply with ANSI standards.

### ELECTRICAL:

Unit is pre-wired and includes an 8' (2438 mm) 3 wire extension cord which plugs into booth. Lighting fixture incorporates light/fan switch. 120V-60Hz is standard, 240V-50Hz available on request.

### JACK PANEL:

Standard jack panel includes six (colour coded) 1/4" N112B phone jacks with plugs. Additional connectors available as accessories for most applications.

### FINISH:

Standard finish is textured polyurethane enamel in light beige; other colours available on request at additional charge.

### CARPET:

Commercial quality, colour coordinated carpeting is provided in the booth's interior.

### VIBRATION ISOLATORS / H.D. CASTERS

Choice of neoprene in shear isolators mounted on steel rails or H.D. casters (2 swivel, 2 locking).

### PACKAGING:

Single units are packaged assembled on a skid and protected by H.D. carton, or bulk crated for shipping.

### WEIGHTS & MEASURES

AB-4230	600 lbs / 273 kg net 650 lbs / 295 kg ship.wt.	38" x 26" x 68" 965 x 660 x 1727mm	42" x 30" 75** 1067 x 762 x 1905mm
AB-4240	710 lbs / 323 kg net 760 lbs / 345 kg ship.wt.	38" x 36" x 68" 965 x 914 x 1727mm	42" x 40" 75** 1067 x 1016 x 1905mm
AB-4250	800 lbs / 363 kg net 870 lbs / 395 kg ship.wt.	38" x 46" x 68" 965 x 1168 x 1727mm	42" x 50" 75** 1067 x 1270 x 1905mm

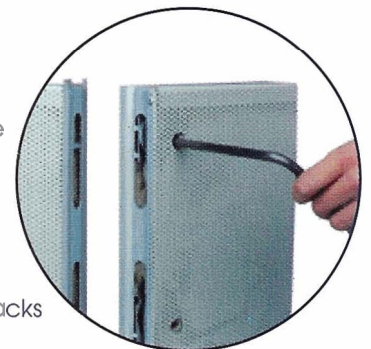
### OPTIONAL ACCESSORIES

- Non-standard jacks
- Non-standard colours
- Window in door
- Swivel chair on heavy duty chrome base
- Fold-down shelf
- Shipped Unassembled

\* Specifications subject to change without notice

### STANDARD FEATURES

- 2" (50 mm) Cam-Lock Panel System
- 27 1/6" W x 70" H Door (687 mm x 1778 mm)
- Universal LHH or RHH Door
- 23" W x 23" H (584 mm x 584 mm) Double Glazed Square Framed Window
- Pre-wired Electrical, Ready to use
- Light Switch, Fan Switch
- Six 1/4" (6.3 mm) Phone Jacks (colour coded)
- In-wall Ventilation
- Vibration Isolators / H.D. Casters
- Colour: Standard Eckel Beige
- Fully De-mountable



# LIGHT WEIGHT, PORTABLE, EASY TO SET UP AND TAKE DOWN !

## MODEL AB-150

### SPECIFICATIONS

- All Aluminum Panel Construction
- Acrylic Full Size Double Doors
- 4 - 1/4" (6.3 mm) Phone Jacks (colour coded)
- \* 1-RS252 Computer Interface
- Painted Standard Medium Grey
- \* Packaged in Carton
- Shipping Weight 175 lbs (65 kg).
- \* Assembly By Adjustable Clamping Latch



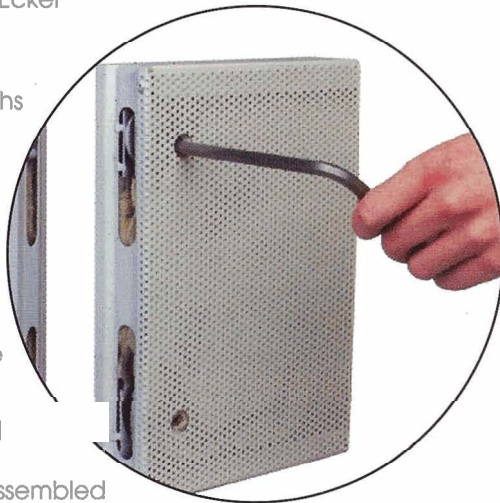
### NOISE REDUCTION

Based on Actual Field Tests

Hz	125	250	500	1000	2000	4000
N.R	13	13	20	21	22	20

Model AB-150 is designed to reduce distractions and noise during hearing screening tests in applications such as malls, retirement homes, fairs, etc.

- The cam-locking hardware system used in Eckel AB-4200 series audiometric screening booths is unique
- \* The units are de-mountable
- The door panel can be rotated in the field to change the door swing
- \* Can be moved into restricted areas and re-assembled
- Shipped assembled



**ECKEL**  
NOISE CONTROL TECHNOLOGIES

### AB-4200 Series Cam-locking Panels

AUTHORIZED DEALER / DISTRIBUTOR

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