

ECKEL

NOISE CONTROL TECHNOLOGIES



Serving
Audiologists
for over

65
YEARS

Clinical &
Diagnostic Practices

**Standard
& Custom
Engineered
Solutions**

Audiology Suites & Multi-Stations

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“ Due to High Traffic Corridors
Many Hospitals Insist on
Double Wall Examination
Rooms...

Noise Control

Never looked so good.
Best-in-class Eckel
Audiometric Rooms &
Suites are the first
choice of Audiologists.

Audiology Work Spaces

Eckel Clinical Audiometric Rooms & Suites
Your Practice Reflects Your Standard of Patient Care

Single Wall Rooms CL10/ HL10 Series

Ideal for industry and private clinics. The smaller models have an inlet silencer in the rear wall and an exhaust silencer integrated in the ceiling. In the larger models, both silencers are in the ceiling panels. All models have a clinical jack panel for greater versatility. The wall panels are mounted on the audiology room floor which in

turn rests on “air cushion” vibration isolator rails. Ideal for sound field measurements, brain stem audiometry, hearing aid evaluation.

Double Wall Rooms C20 / H20 Series

Features higher noise reduction characteristics which are a must in areas where the ambient noise levels are excessively high. The interior wall panels are mounted on the

Audiology Room floor while the exterior walls are placed on the floor of the building. Each double wall Audiology Room is provided with a combination in-swing and out-swing, flush sill, magnetic seal doors. Suitable for clinical and research applications

Single Wall Suite

Two single wall examination rooms can be united to form an audiology suite. The noise reduction characteristics correspond to the attenuation of a single wall room. However, the attenuation of one room with regards to the other resembles the attenuation characteristics of a double wall.

Clinical Audiology Rooms & Suites

The audiology suites are equipped with a wide 762mm (30") window as are the majority of our rooms. This offers a particular advantage when testing young children, so they can see their parents during testing. These suites are ideal for applications requiring strict acoustic control in both test and control environments.

Single Wall Control Double Wall Exam Rooms

Many hospitals insist on this suite. The double wall examination room assures maximum patient cooperation while the single wall control room permits live voice speech testing without any interference from outside noise. The control room has a single door and the examination room has a double door system. These audiometric suites are available with or without a floor in the control room.

Wall & Ceiling Construction

Wall panels are 4" (100mm) and fabricated of galvanized solid steel outer surface and perforated steel inner surface. Ceiling panels include an integrated silenced ventilation system and 6" (150mm) thick with galvanized solid steel outer surface and perforated steel inner surface. Acoustic insulation is dependent on panels and designed to provide independently tested transmission loss of selected panel system (C or CL).

Isolated Floor Construction

Floor panels are available in 2", 3" and 4" (50.8mm, 76.2mm, 101.6mm) thick fabricated from galvanized steel outer and in-

ner (walking) surfaces. The floor panels are supplied with heavy duty framing members and inner surface to support consistent use and accommodation for clients requiring wheelchair accessibility. Acoustic insulation is consistent with that of the wall and ceiling panels. All floors are installed on isolation mounts to protect against structure borne noise sources. Overall step up height is approximately 7" (175mm) from outside.

Doors

Standard door clear openings are 32" (810mm) W x 73 3/4" (960mm) H. The doors are designed to provide similar acoustic performance as the walls and to sit flush when installed. Hardware consists of chrome plated hinges with a cam rise mechanism to ensure both proper seating of the door and ease of closing. A 1" (25mm) door pull handle is used, assuring ease of operation and ADA compliance. Door windows from small to full size are available as an option. Alternate door sizes can be accommodated.

Observation Window

Observation windows are provided, typical nominal size 24" (610mm) W x 30" (750mm) H, fabricated from two layers of laminated safety glass set in an extruded PVC window frame. Alternate sizes are available to suit specific needs.

Jack Panels

Jack panels are installed on all (Jack Panels continued) rooms and suites both single and double wall. Standard jack pan-

els are supplied with twelve .25" (6.3mm) phone jacks, two USB connections and one 1" (25mm) diameter pass-thru. Non-standard configurations are available to suit unique or specific jack requirements.

CSA Approved Electrical – C22.2 601.1 Medical Equip- ment

All rooms are supplied with CSA approved, pre-wired 120 volts recessed internal electrical, including internal and external facing recessed hospital grade duplex receptacles. Power is supplied via a power cord connected to the customer's 120 volts source or may be hard wired upon request. Country specific electric and cord configurations are available for international customers (240v option also available).

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, low power consumption, fans. For customers wanting to connect to their existing HVAC system optional vent collars are available.

Paint Finish

Rooms supplied in a polyurethane enamel low gloss paint finish in Eckel White, Beige, or Warm Grey. Custom color matching and fabric finishes are available on request.



Advanced Audiology Suite Specifications

S 34 - S 57

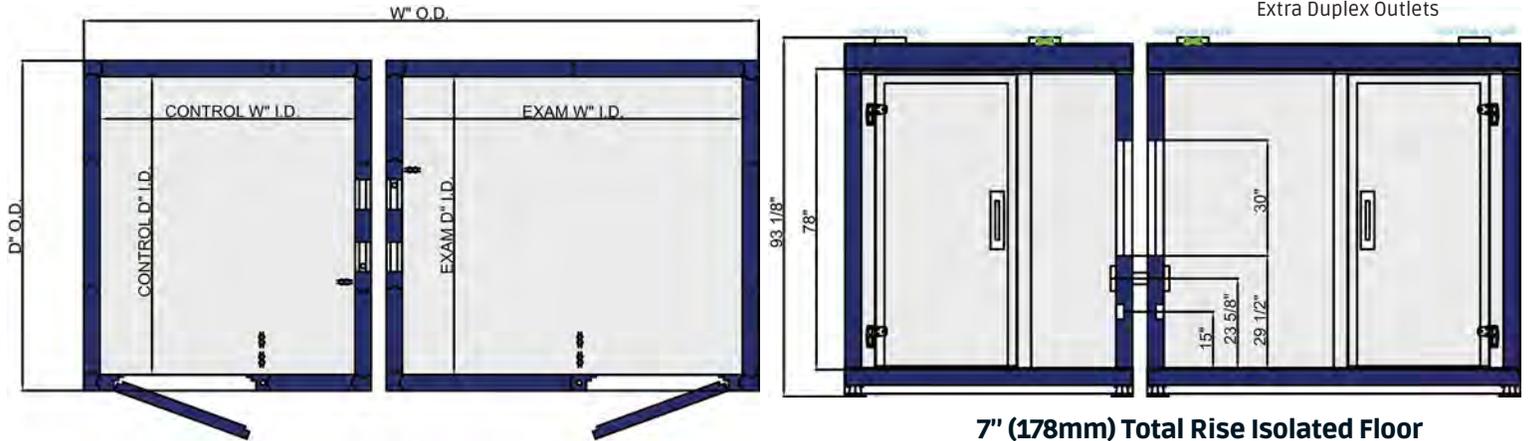
Single Wall Control/Single Wall Exam/Clinical Audiology Suites

Cam-Lock & H Batten

All rooms and suites are available in Cam-Lock or H Batten configurations.

Optional Features

HVAC Collars (1 set) Single Wall Rooms (Includes Internal Utility Box For Thermostat by Others)
20" BY 60" (508mm x 1524mm) Window in Door
Upgrade TO 36" Clear Opening Door
Sprinkler Access Hole
Extra Duplex Outlets



7" (178mm) Total Rise Isolated Floor

Model	Outside Dimensions Width (W) x Depth (D) x Height (H)	Inside Dimensions Width (W) x Depth (D) x Height (H)	Floor Area sq ft / sq m	Weight lb / kg
S-34 / H-34	12'9" x 6'2" x 7'9" 3886mm x 1880mm x 2362mm		78.6 sq. ft. 7.3 sq. m.	5589 lb 2535 kg
	S-34 CONTROL ROOM	4'8" x 5'6" x 7'9" 1422mm x 1676mm x 1981mm		
	S-34 EXAM ROOM	6'5" x 5'6" x 6'6" 1956mm x 1676mm x 1981mm		
S-45 / H-45	14'6" x 7'1" x 7'9" 4420mm x 2159mm x 2362mm		102.7 sq. ft. 9.54 sq. m.	6754 lb 3063 kg
	S-45 CONTROL ROOM	5'6" x 6'5" x 6'6" 1676mm x 1956mm x 1981mm		
	S-45 EXAM ROOM	7'4" x 6'5" x 6'6" 2235mm x 1956mm x 1981mm		
S-56 / H-56	16'4" x 8'0" x 7'9" 4978mm x 2438mm x 2362mm		130.6 sq. ft. 12.13 sq. m.	8013 lb 3635 kg
	S-56 CONTROL ROOM	6'5" x 7'4" x 6'6" 1956mm x 2235mm x 1981mm		
	S-56 EXAM ROOM	8'3" x 7'4" x 6'6" 2515mm x 2235mm x 1981mm		
S-57 / H-57	18'2" x 8'11" x 7'9" 5537mm x 2718mm x 2362mm		162.0 sq. ft. 15.05 sq. m.	9363 lb 4247 kg
	S-57 CONTROL ROOM	7'4" x 8'3" x 6'6" 2235mm x 2515mm x 1981mm		
	S-57 EXAM ROOM	9'2" x 8'3" x 6'6" 2794mm x 2515mm x 1981mm		

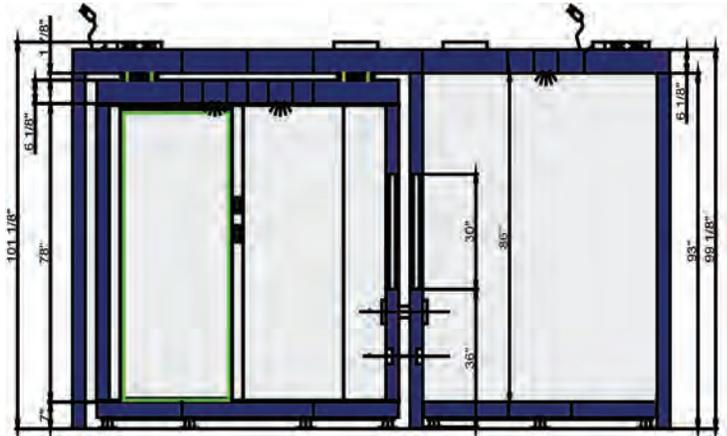
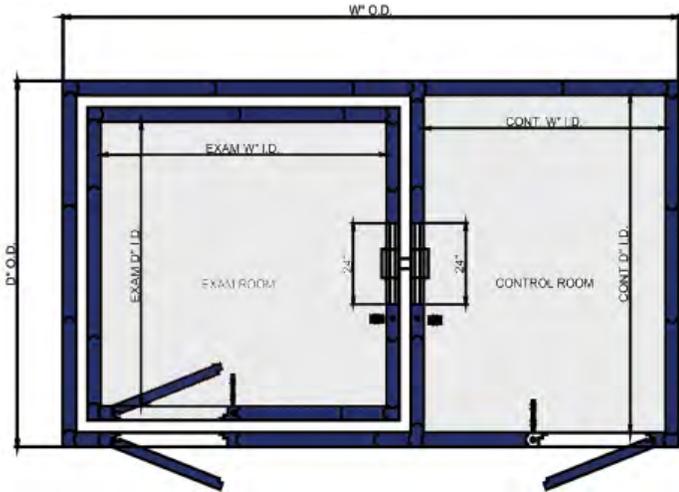
Eckel's Audiology Suites are ideal for high noise, high traffic areas.

Advanced Audiology Suite Specifications

S 121 - S 124 Single Wall Control/Double Wall Exam/Clinical Audiology Suites

Cam-Lock & H Batten
All rooms and suites are available in
Cam-Lock or H Batten
configurations.

Optional Features
HVAC Collars (1 set) Single Wall Rooms (Includes
Internal Utility Box For Thermostat by Others)
20" BY 60" (508mm x 1524mm) **Window in Door**
Upgrade TO 36" Clear Opening Door
Sprinkler Access Hole
Extra Duplex Outlets



7" (178mm) Total Rise Isolated Floor

Model	Outside Dimensions Width (W) x Depth (D) x Height (H)	Inside Dimensions Width (W) x Depth (D) x Height (H)	Floor Area sq ft / sq m	Weight lb / kg
S-121 / H-121	14'6" x 8'0" x 8'5" 2261mm x 2565mm x 2565mm		116.0 sq ft 10.78 sq m	10070 lb 4568 kg
	S-121 / H-121 CONTROL ROOM	5'6" x 7'4" x 7'2" 1676mm x 2235mm x 2184mm		
	S-121 / H-121 EXAM ROOM	6'8" x 6'0" x 6'6" 2032mm x 1829mm x 1981mm		
S-122 / H-122	16'4" x 8'11" x 8'5" 4978mm x 2718mm x 2565mm		145.6 sq ft 13.53 sq m	11825 lb 5364 kg
	S-122 / H-122 CONTROL ROOM	6'5" x 8'3" x 7'2" 1956mm x 2515mm x 2184mm		
	S-122 / H-122 EXAM ROOM	7'7" x 6'11" x 6'6" 2311mm x 2108mm x 1981mm		
S-123 / H-123	18'2" x 9'10" x 8'5" 5537mm x 2997mm x 2565mm		178.6 sq ft 16.59 sq m	13686 lb 6208 kg
	S-123 / H-123 CONTROL ROOM	7'4" x 9'2" x 7'2" 2235mm x 2794mm x 2184mm		
	S-123 / H-123 EXAM ROOM	8'6" x 7'10" x 6'6" 2591mm x 2388mm x 1981mm		
S-124 / H-124	20'0" x 10'9" x 8'5" 6096mm x 3277mm x 2565mm		215.0 sq ft 19.97 sq m	15656 lb 7101 kg
	S-124 / H-124 CONTROL ROOM	8'3" x 10'1" x 7'2" 2515mm x 3073mm x 2184mm		
	S-124 / H-124 EXAM ROOM	9'5" x 8'9" x 6'6" 2870mm x 2667mm x 1981mm		

Double Wall Advanced Noise Control Suite

Multi-Station Audiology Suite Specifications

C SW Multi-Station M2 - M10
Single Wall
Exam/Clinical Audiology Suite

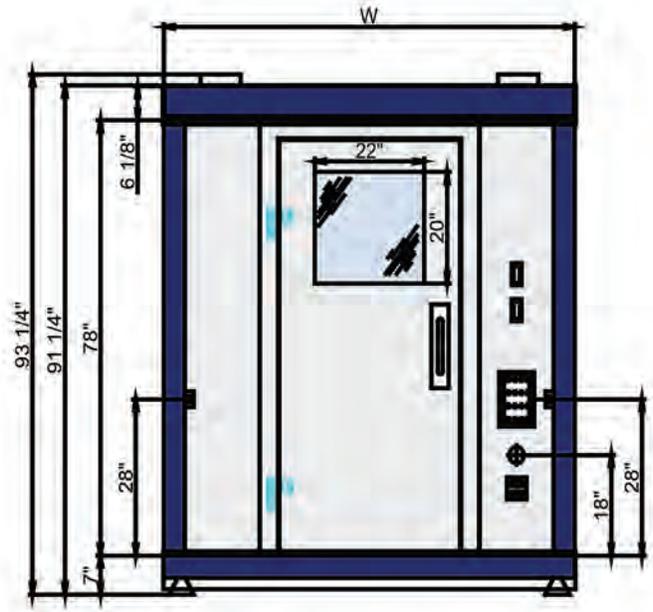
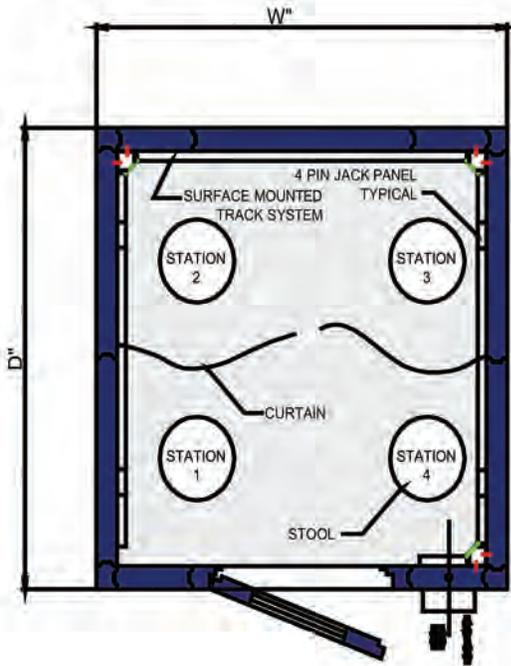
Cam-Lock & H Batten

All rooms and suites are available in Cam-Lock or H Batten configurations.

Optional Features

HVAC Collars (1 set) Single Wall Rooms (Includes Internal Utility Box For Thermostat by Others)
20" BY 60" (508mm x 1524mm) Window in Door
Upgrade TO 36" Clear Opening Door
Sprinkler Access Hole
Extra Duplex Outlets

7" (178mm) Total Rise Isolated Floor



Multi-Station

Single Wall and Double Wall Multi-Stations are available in 2,4,6,8, and 10 station configurations. (Pictured above with 4 stations)

Model	Outside Dimensions Width (W) x Depth (D) x Height (H)	Inside Dimensions Width (W) x Depth (D) x Height (H)	Floor Area sq ft / sq m	Weight lb / kg
C SW M2 / H SW M2	6'10 5/8" x 4'8 7/16" x 7'9" 2099mm x 1434mm x 2362mm	6'2 3/8" x 4' 3/16" x 6'6" 1889mm x 1224mm x 1981mm	32.38 sq. ft. 3.01 sq. m.	2511 lb 1139 kg
C SW M4 / H SW M4	6'10 5/8" x 6'10 5/8" x 7'9" 2099mm x 2099mm x 2362mm	6'2 3/8" x 6' 2 3/8" x 6'6" 1889mm x 1889mm x 1981mm	47.40 sq. ft. 4.40 sq. m.	3219 lb 1460 kg
C SW M6 / H SW M6	6'10 5/8" x 8' 17/32" x 7'9" 2099mm x 1434mm x 2362mm	6'2 3/8" x 7' 4 9/32" x 6'6" 1889mm x 2242mm x 1981mm	55.38 sq. ft. 5.14 sq. m.	3594 lb 1630 kg
C SW M8 / H SW M8	6'10 5/8" x 9'2 1/8" x 7'9" 2099mm x 2797mm x 2362mm	6'2 3/8" x 8' 5 7/8" x 6'6" 1889mm x 2588mm x 1981mm	63.19 sq. ft. 5.87 sq. m.	3961 lb 1797 kg
C SW M10 / H SW M10	6' 10 5/8" x 11' 6 1/4" x 7'9" 2099mm x 3512mm x 2362mm	6' 2 3/8" x 10'10" x 6'6" 1889mm x 3302mm x 1981mm	79.33 sq. ft. 7.37 sq. m.	4721 lb 2141 kg



Multi-Station Audiology Suite Specifications

**C DW Multi-Station
Double Wall
Exam/Clinical Audiology Suite**

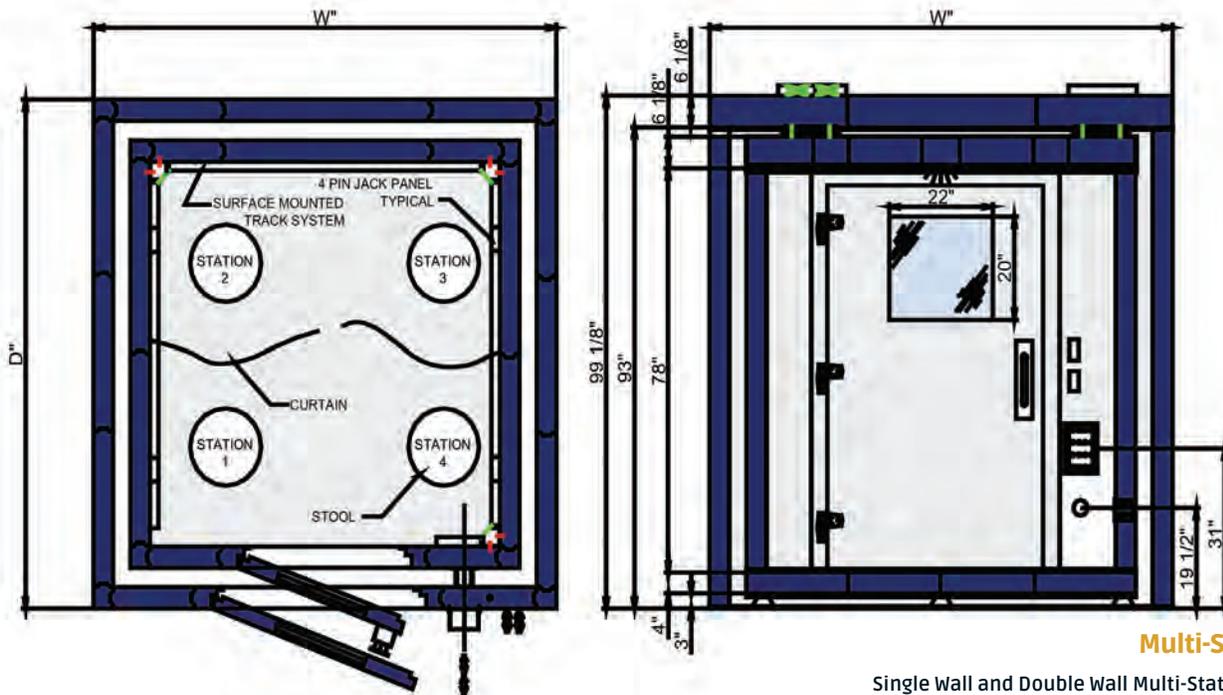
Cam-Lock & H Batten

All rooms and suites are available in Cam-Lock or H Batten configurations.

Optional Features

- HVAC Collars (1 set) Single Wall Rooms (Includes Internal Utility Box For Thermostat by Others)
- 20" BY 60" (508mm x 1524mm) Window in Door
- Upgrade TO 36" Clear Opening Door
- Sprinkler Access Hole
- Extra Duplex Outlets

7" (178mm) Total Rise Isolated Floor



Multi-Station

Single Wall and Double Wall Multi-Stations are available in 2,4,6,8, and 10 station configurations. (Pictured above with 4 stations)

Model	Outside Dimensions Width (W) x Depth (D) x Height (H)	Inside Dimensions Width (W) x Depth (D) x Height (H)	Floor Area sq ft / sq m	Weight lb / kg
C DW M2 / H DW M2	8' 2 3/8" x 5' 6 3/8" x 8' 3 1/8" 2499mm x 1686mm x 2518mm	6' 2 3/8" x 3' 6 5/16" x 6' 6" 1889mm x 1075mm x 1981mm	45.34 sq. ft. 4.21 sq. m.	3414 lb 1549 kg
C DW M4 / H DW M4	8' 2 3/8" x 8' 2 3/8" x 8' 3 1/8" 2499mm x 2499mm x 2518mm	6' 2 3/8" x 6' 2 3/8" x 6' 6" 1889mm x 1889mm x 1981mm	47.40 sq. ft. 4.40 sq. m.	4385 lb 1989 kg
C DW M6 / H DW M6	8' 2 3/8" x 9' 4 9/32" x 8' 3 1/8" 2499mm x 2852mm x 2518mm	6' 2 3/8" x 7' 4 9/32" x 6' 6" 1889mm x 2242mm x 1981mm	76.70 sq. ft. 7.13 sq. m.	4807 lb 2180 kg
C DW M8 / H DW M8	8' 2 3/8" x 10' 5 7/8" x 8' 3 1/8" 2499mm x 2588mm x 2362mm	6' 2 3/8" x 8' 5 7/8" x 6' 6" 1889mm x 2588mm x 1981mm	85.99 sq. ft. 7.99 sq. m.	5919 lb 2685 kg
C DW M10 / H DW M10	8' 2 3/8" x 12' 10" x 8' 3 1/8" 2499mm x 3912mm x 2518mm	6' 2 3/8" x 10' 10" x 6' 6" 1889mm x 3302mm x 1981mm	105.2 sq. ft. 9.77 sq. m.	6072 lb 2754 kg



Audiology Business



“ My clients deserve respect, privacy and a high level of comfort above all...

Your Practice Made Perfect

Your professionalism and the environment you provide for your clients together ensure your practice is successful.

Audiologists Grow Their Business By Providing Client-focused Environments

“ I never want my patients to feel claustrophobic or uncomfortable during hearing aid tests...

A number of elements come together to determine whether an audiology career or business is ultimately successful.

In addition to an audiologist's professionalism, proficient skill-set and a controlled noise environment - perhaps the most important factor to staying competitive is the setting

you present to your valued clientele or patients. A modern and well-appointed environment creates a clear path to repeat business and to building a portfolio of satisfied clients.

You are the reflection of your high standards and your audiology clinic is a reflection of your commitment to your clientele.

Eckel engineered noise control products and systems create custom environments conducive to privacy, accommodation and end-user comfort and

satisfaction.

Successful audiologists put the needs and accommodations of their patients first.

An attractive audiology booth, room or suite from Eckel is a sound investment in your career. Eckel Noise Control products and systems are the true standard of the audiology industry.

Splash of Colour

Eckel Design Teams are up to any challenge! We love making the design dreams of our creative customers come true. Get Inspired! Contact Eckel today.



Limitless Possibility

Eckel has a wide variety of customized panel, room and suite treatments to make your audiology environment a reflection of you and the clients you serve.



A finish of greens and white make a state of the art audiology system in Ireland shine. Eckel's customized approach to end-user satisfaction allows our clients and their customers to enjoy a wide array of attractive color and image overlay treatments.



Eckel's engineered noise control products and systems are strong to the finish with a wide variety of custom treatments to appeal to the style and tastes of your valued clientele.

Dream it!

Push the limits of your imagination! Eckel Design Teams deliver a variety of creative custom finishes, corporate branding, bright imagery and memorable color combinations to

present your audiology business ahead of the competition. Children and adults alike are thrilled to find brilliant pictures and colours over the expected sterility of traditional workplace environments.



An audiologist and her hot pink suite bring joy to a child.

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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