

TECHNICAL DATA SHEET

PRODUCT

SERIES S SINGLE WALL AUDIOLOGY BOOTH

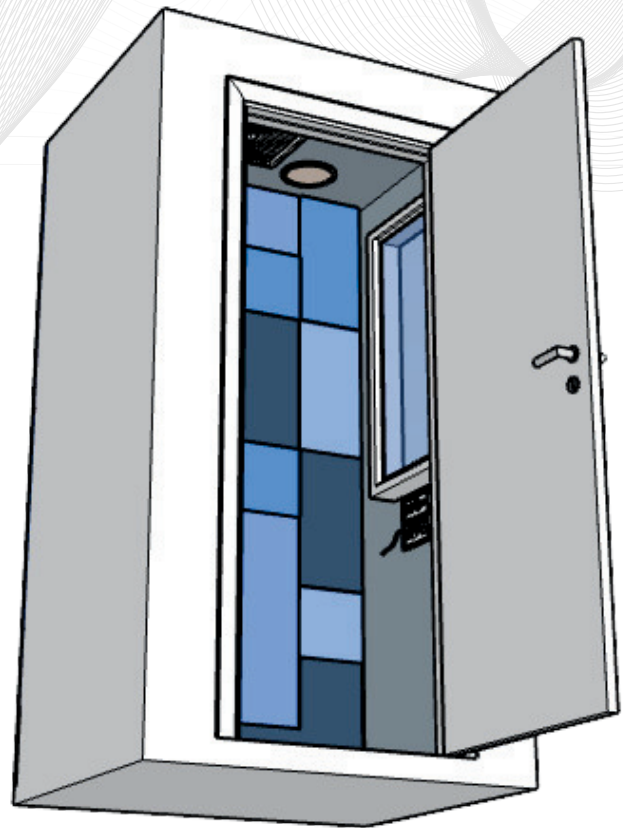
CATEGORY

AUDIOLOGY BOOTHS

1
CREATED BY ACOUSTIC ENGINEERS

2
COMPLETE IN-HOUSE PRODUCTION

3
HIGHLY CUSTOMISED MODULAR DESIGN



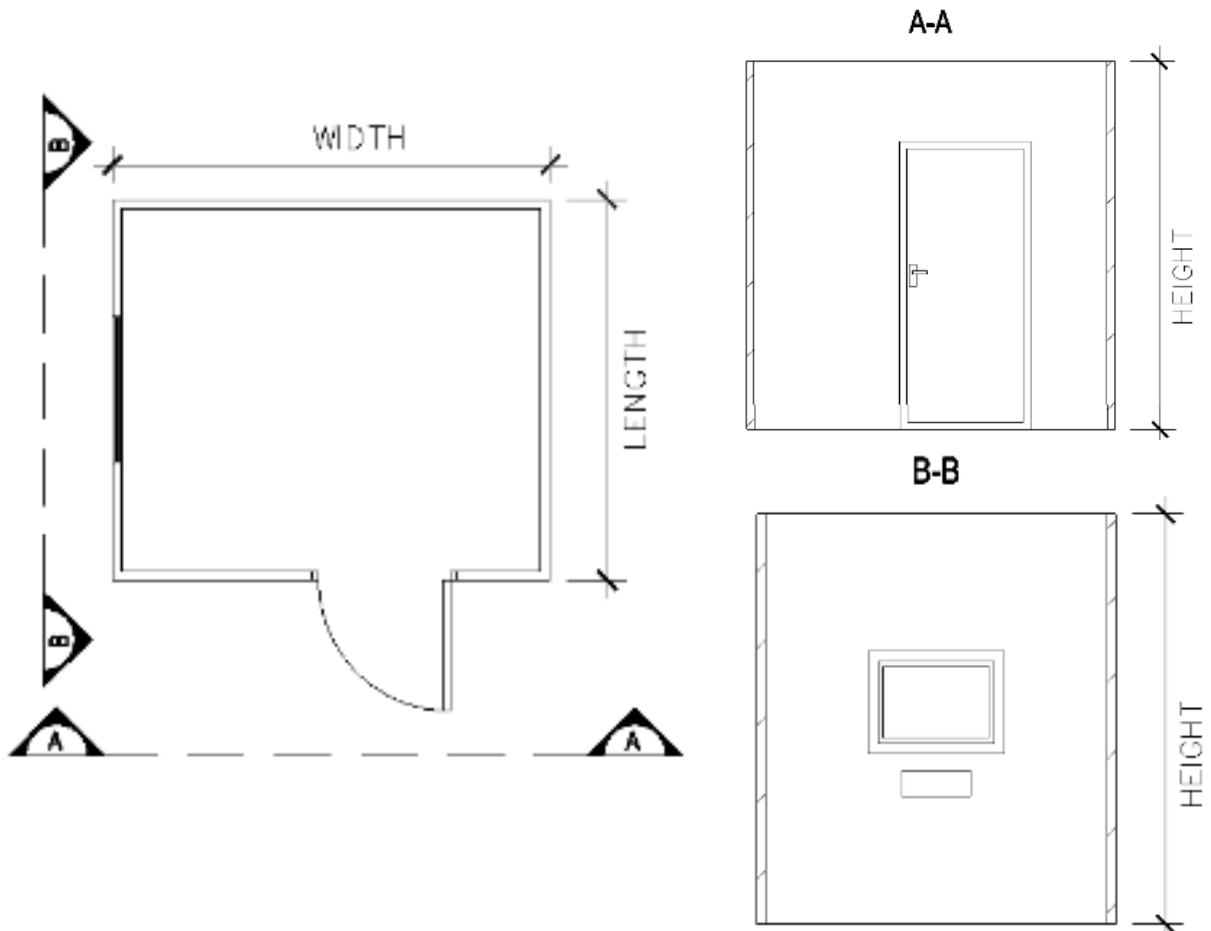
PRODUCT DESCRIPTION

A versatile range of modular audiology chambers for all types of hearing testing, hearing screening programs and dispensing hearing aids to Paediatric Audiology rooms based on a turnkey approach. The modular design allows for quick and clean installation programmes, utilises components with the best-known acoustic performance, and allows for relocation at any stage.

The certified audiology rooms provide hospitals with durable, high-performance acoustics, enhancing diagnostic accuracy and supporting high-quality patient care in all types of clinical settings. All standard models or those with any custom dimensions are available with DECIBEL's super clean interior and multiple options for the acoustic panels' textile finish.

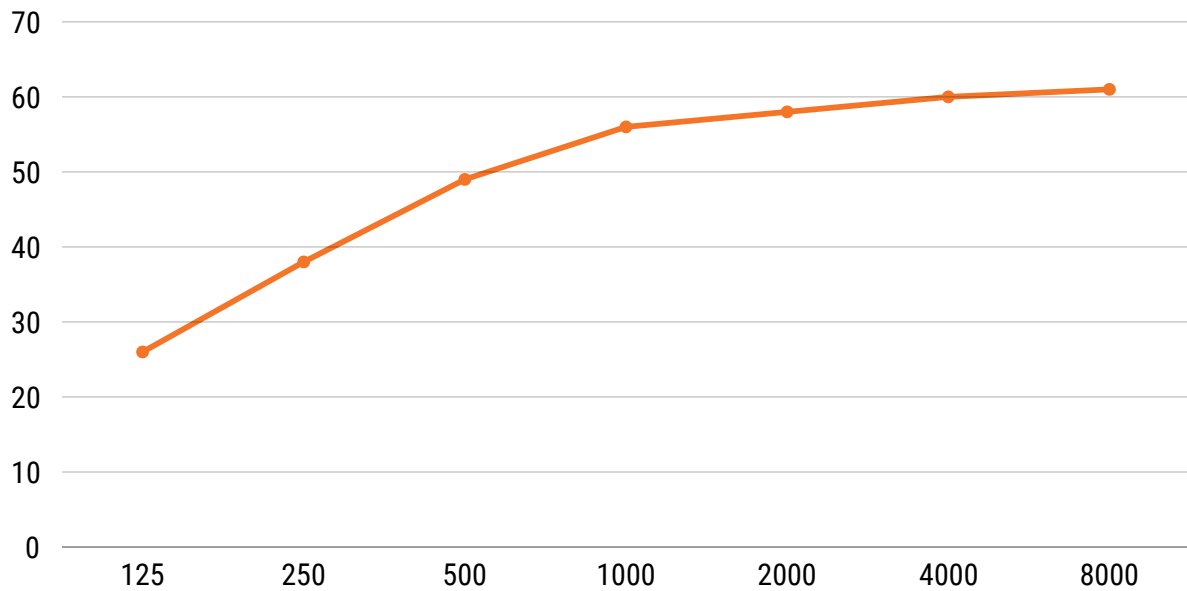
MODEL	INTERIOR (MM)			EXTERIOR (MM)		
	LENGTH	WIDTH	HEIGHT	LENGTH	WIDTH	HEIGHT
S1	900	1000	2000	1100	1200	2300
S2	1200	1500	2000	1400	1700	2300
S3	1500	1800	2000	1700	2000	2300
S4	1800	2100	2000	2000	2300	2300
S5	2100	2400	2000	2300	2600	2300

DIMENSIONS

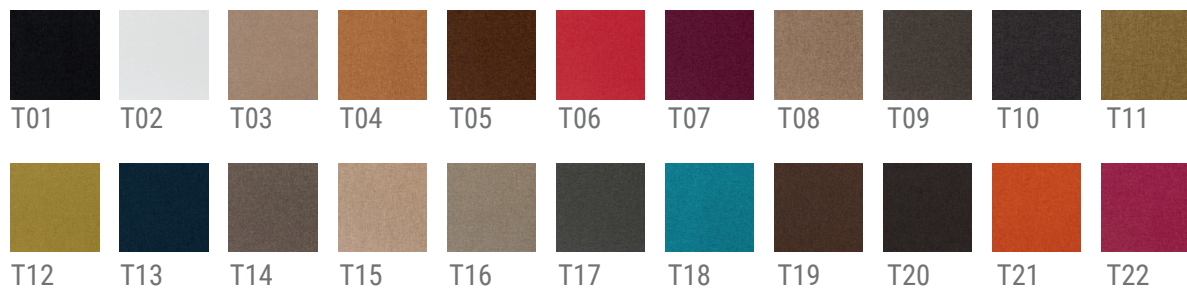


ACOUSTIC PERFORMANCE							
OCTAVE BAND CENTRE FREQUENCY (HZ)	125	250	500	1K	2K	4K	8K
NOISE REDUCTION SINGLE WALL (DB)	26	38	49	56	58	60	61

NOISE REDUCTION



TEXTILE COLOUR OPTIONS



DECIBEL WALL CONSTRUCTION FOR AUDIOLOGY BOOTHS

Walls are constructed from standard Decibel acoustic panels with a thickness of 100mm either perforated steel or super clean.

Wall and roof panels are acoustically and structurally joined to maintain the acoustic integrity of the booth.

DECIBEL ROOF AND FLOOR CONSTRUCTION FOR AUDIOLOGY BOOTHS

Floors panels are 50mm high and structurally reinforced. Floors are made of acoustic and vibration components for maximum elimination of structural and airborne noise.

DECIBEL DOOR FOR AUDIOLOGY BOOTHS

Doors with acoustic seals, hinges and handles are provided with a clear opening of 850mm wide x 1900mm high.

DECIBEL WINDOW FOR AUDIOLOGY BOOTHS

Windows shall be 800mm x 600mm, using double glazed assemblies within profiled steel frames.

VENTILATION

All models shall have the ventilation system built into the roof, 12 volt operation.

ELECTRICAL

All booths are provided with lighting. Power operation 12 volt.

AUDIOMETER PANEL

Comprising of 4 off 6.4mm three-pole jack sockets and 2 Type A USB connector and 1 off pass tube shall be provided below the window.

FINISH

Exterior - painted white. Booths are available with interior walls of painted perforated steel/ DECIBEL super clean / fabric panels.

All floors are covered with carpet or vinyl tiles, colour: Grey.

Optional Extras (additional costs apply)