

**Sibelmed®**

# S40 BOOTH

AUDIOMETRIC TEST BOOTH



[www.sibelmed.com](http://www.sibelmed.com)



- Great noise attenuation, 46 dB SPL at 10Khz
- Quick and easy assembly
- 5 standard models plus custom-built booths
- Compatible to any audiometers in the market

**Creating the future**



# S40 · audiometric test booth

## EXPERIENCE IS OUR GUARANTEE

### Description

The audiometric test booths S40, has been designed by **SIBEL S.A.U.**'s RDI department using the newest materials in noise attenuation. It has allowed to reduce its weight, get a high isolation index, great functionality and pleasant looking.

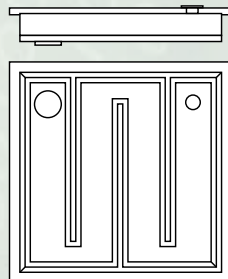
The S40 booth has a lockable door, a window with double glazing that allows patient and operator to see each other, friendly illumination and the necessary connections to plug an audiometer with all of its accesories. All the audiometers in the market can be connected; included the computer based ones.

The external surface is made of washable pannels and the interior is pleasantly illuminated and comfortable.

Its elaborated design, allows a quick and easy assembly, that can be done by non specialized personnel.

### Ventilation via labyrinth

It has an unforced ventilation system via labyrinth. This system is based on a built in labyrinth in the ceiling of the booth, it is covered with isolation material and it allows to ventilate the booth, at the same time it reduces the sound transmission.



### Regulations

The Audiometric Test Booth S40 complies with:

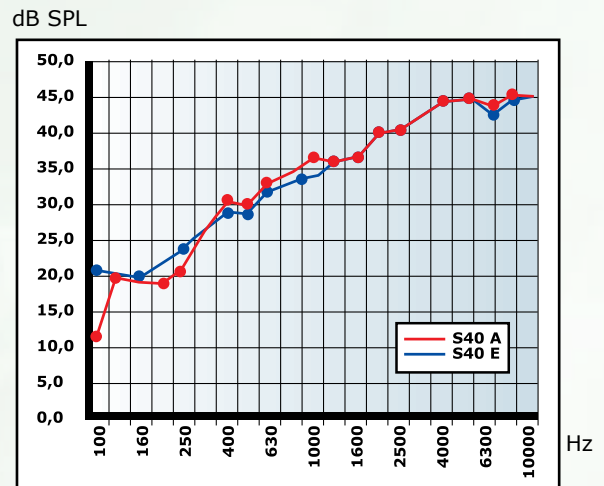
- 93/42/CEE Class I
- EN 60601-1:2006+AC:2010+A1:2013
- EN 60601-1-6:2010
- EN 62366:2008
- EN ISO 14971:2012
- EN 1041:2008
- EN 980:2008

It makes easier to comply with the audiometry standards ISO 8253-1 and ANSI S3.1

### Main features

- Great functionality and pleasant looking.
- Quick and easy assembly done by non specialized personnel.
- Great noise attenuation.
- Maximum noise attenuation of 46dB SPL.
- Test booths with special measures through mounting modules.
- S40D model approved for motorized vehicles.
- Unforced ventilation system (via labyrinth).
- Window with double glazing.
- Suitable under demand for all the audiometers of the market.

### Noise attenuation



Certified test done by an Applus authorized laboratory.

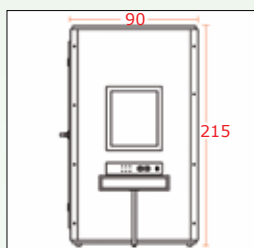
All medical facilities destined to do audiometries periodically, should not exceed the sound pressure levels that the standard EN ISO 8253-1:2010 refers to, although it is always better to use an audiometric test booth; there you will find the correct levels for an audiometry test.

# S40 · audiometric test booth

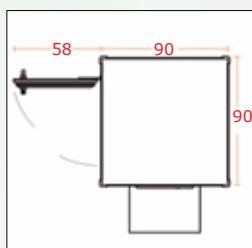
## MODELS & OPTIONS

### Models

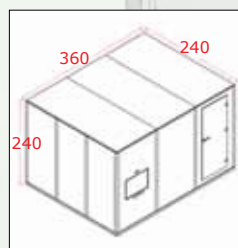
Code	Model	Exterior dimensions
01634	S40-A	90 x 90 x 215 cm
01636	S40-B	110 x 110 x 215 cm
01637	S40-C	125 x 125 x 215 cm
01639	S40-D	85 x 72 x 187 cm
01640	S40-E	135 x 135 x 215 cm
07107	S40-F	Customized measures (Special projects)



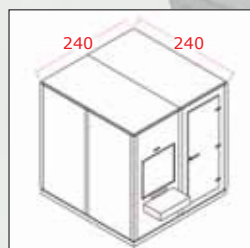
S40-A



S40-A



S40-F



S40-F

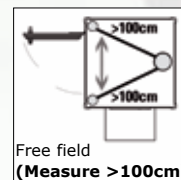
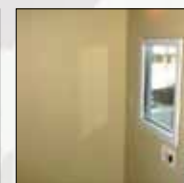


S40-D (mobile unit)

Modular

### Optional accessories

- Access ramp for wheelchairs
- Connection pannel USB-RS232
- Internal washable microperforated covering (DELUXE)
- Fitted with casters for complete mobility
- LED lighting
- Free field preinstallation
- Folding table
- Left or right hand door
- Customizable
- Extra windows



# S40 · audiometric test booth

## INNOVATION & TECHNOLOGY

### Technical specifications according to model

Model	S40 A	S40 B	S40 C	S40 D Mobile units	S40 E
<b>MEASURES</b>					
External (booth) cm.	90x90x215	110x110x215	125x125x215	85x72x187	135x135x215
Internal (booth) cm.	77x77x192	97x97x192	114x114x192	73x60x167	121x121x192
External frame (door) cm.	58x188	79x185	95x185	58x163	95x185
Internal frame (door) cm.	50x180	71x177	87x177	50x155	87x177
Window cm.	45x54	45x54	45x54	45x54	45x54
<b>FEATURES</b>					
Global noise attenuation (± 3 dB)	34dB	34dB	34dB	34dB	34dB
Noise attenuation @ 8KHz (dB)	45,6dB	45,6dB	45,6dB	45,6dB	45,5dB
Aprox. weight	265 Kg	356 Kg	390 Kg	205 Kg	420 Kg
Window	double glazing	double glazing	double glazing	approved glass for motorized vehicles	double glazing
Doors	left or right opening*				
Access ramps	no	no	optional	no	optional
Closing points	central closing				
Base	baseboard (silent block) 4cm or wheels*				
Table	foldable* or drawer				
External material	grey melamine				
Internal material	Pyramid foam 20/10 or DELUXE microperfoated*				
Ventilation	unforced ventilation system (via labyrinth)				
Interior illumination	35W lamp or LED light*				
Connection board	5 jacks of Ø 6.3mm and 1 jack of Ø 3.5mm or customizable*				
Free field preinstallation	no	yes	yes	no	yes
Power supply	120-220 V 50-60 Hz				
Power	50W				

\* Optional

**AUDIOMETER  
SIBEL SOUND 400**

- TWO DIGITAL CHANNELS AUDIOMETER**
- Suitable to your needs: 6 models\*.
  - Advanced digital technology based on DSP.
  - Calculation of hearing loss and diagnosis.
  - Internal database > 1.000 tests.
  - Suprathreshold tests.
  - High frequency.
  - Musical frequencies.
  - Automatic masking.
  - Connectivity with other management systems.
  - Customizable.
  - Audiometry software W50
- See configurations\*



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CE EN ISO9001:2008

SIBEL S.A.U. reserves the right to modify the technical specifications without prior notice

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