250s

Acoustic booth

Many industrial and health care organisations have recognised the need for a controlled acoustic environment where accurate audiological recording can be obtained. The **Amplivox 250s** acoustic booth is a very practical and cost effective acoustic booth which has been designed to fulfil this requirement.

- **Compact design**
- **Excellent performance**
- **Integral silenced ventilation and lighting**
- **Fitted with castors for complete mobility**
- **Integral seat (pre-assembled type)**
- **Complies with BS EN ISO 8253-1:2010**

Space saving configuration

The advanced design provides for outstanding performance. Amplivox recognise that space can be at a premium in medical centres. Therefore the compact booth design ensures maximum use of space. The external dimensions of the **250s** are just 710mm wide x 951mm deep x 1943mm high, with internal dimensions of 604mm wide x 860mm deep x 1680mm high.

Patient comfort

The booth is equipped with a silenced ventilation system, lighting and a large double-glazed acoustic window to ensure maximum patient comfort whilst the audiometric test is completed.

Ease of use

Fully equipped with castors the booth can be positioned very quickly. The booth is supplied with an audiometer shelf and integral jack panel audiometer connections to ensure an integrated facility which is ready to use within minutes of delivery.



amplivox *specialists in healthcare products*

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Technical specifications

Exterior dimensions:	710 x 981 x 1943mm Includes castors, but excludes shelf.
Interior dimensions:	604 x 860 x 1680mm
Weight:	295kg net 322kg shipping weight
Construction:	53mm thick Noishield® panels–plain galvanised steel exterior surfaces and perforated galvanised steel interior surfaces.
Door:	One 604mm wide x 1680mm high (clear opening) Noise-Lock® door. For complete safety and effective acoustic control, self-aligning magnetic compression seals are mounted on the top, bottom and sides of the door leaf.
Window:	One double glazed unit comprises 6mm thick safety glass fitted in aluminium frames; clear view 750mm high x 600mm wide. The lower portion of the window has a frosted section.
Jack panel:	Completely pre-wired, flush-mounted jack panel consists of three 6mm 3 pole sockets and two 6mm 2 pole sockets.
Ventilation:	Ceiling panel contains a Tranquil-Aire® all-in-one silenced forced ventilation system.
Lighting:	LED maintenance free, ceiling recessed light.
Electrical:	A 3000mm long drop cord with fitted 13 amp plug is provided for connection to power.
Shelf (external):	Folding shelf for audiometer, 680mm long x 450mm deep, with white laminate finish.
Seat (internal):	Fixed bench seat, 450mm deep. Colour: black.
Floor:	Covered with a foam-backed nylon carpet.
Installation:	Booth is supplied pre-assembled, finish decorated and ready for use. Also available in kit form where access is difficult for an assembled unit.
Paint finish:	White polyester powder paint, RAL 9010 matt. Exterior and interior.

Noise reduction:	To comply with the relevant standard; BS EN ISO 8253-1:2010, the appropriate permissible background/external noise level should be no greater than 57dB (at 500Hz) assuming a noise barrier headset (audiuocups) is used. If a higher degree of noise reduction is required please contact Amplivox.

Preferred octave band centre frequency (hZ)	*Noise reduction (dB)*
125	18
250	32
500	38
1000	44
2000	51
4000	52
8000	50

If a higher degree of noise reduction is required, please contact Amplivox.

Optional equipment

- Vibration isolators
- Intercom
- Alternative wired jack panels
- Alternative paint colours

Amplivox automatic audiometers to be used with an acoustic booth



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The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.