



250S

Acoustic Booth

- Compact design
- Excellent performance
- Integral silenced ventilation and lighting
- Fitted with castors for complete mobility
- Integral seat (Pre-assembled type)

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 to satisfy this requirement.

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.

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.





Amplivox 250S

Acoustic Booth

Technical Specification

DIMENSIONS

Exterior: 710 x 981 x 1943mm
includes castors, but
excludes shelf
Interior: 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 736mm high x 584mm 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

One 30 watt tungsten lamp

ELECTRICAL

Separate switches operate the ventilation system and the lamp. A 13 amp switched socket is positioned adjacent to the jack panel for operation of an audiometer. A 3000mm long drop cord with fitted 13 amp plug is provided for connection to power.

SHELF (EXTERNAL)

Folding shelf for audiometer, 705mm long x 457mm deep, with white laminate finish.

SEAT (INTERNAL)

Fixed bench seat, 460mm deep with white laminate finish to match shelf.

FLOOR

Covered with a foam-backed nylon carpet, glued and trimmed with black cove moulding. The carpet is protected by a loose, cleanable rubber mat.

NOISE REDUCTION

Noise reduction here is defined as the measured difference between the sound pressure levels in a reverberant room, outside the booth and inside the booth.

PREFERRED OCTAVE BAND CENTRE FREQUENCY, Hz	NOISE REDUCTION dB
125	18
250	32
500	38
1000	44
2000	51
4000	52
8000	50

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. Colour of kit booth is Off-White and does not include the 13 amp power point or integral seat.

PAINT FINISH

Off-White polyester powder paint, RAL 9002 matt. Exterior and interior.

OPTIONAL EQUIPMENT (additional costs apply)

- (a) vibration isolators
- (b) Intercom
- (c) Alternative wired jack panels
- (d) Alternative paint colours

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

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