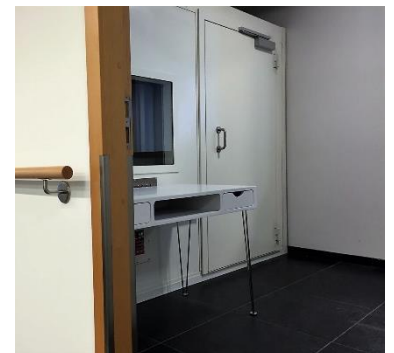


AUDIOLOGY TEST ROOMS

AUDIO 3000

The Audio 3000 booths are custom designed and adapt to the constraints and specificities of each project. They have a very high level of performance (acoustic and vibratory) combined with a modular, flexible and robust design. The Audio 3000 series is a reference in the French and European market. Delivery and installation are part of the turnkey service offered by Boët StopSon.

Dimensions & weights	○ Dimensions and weights vary according to custom design
Ceiling and walls	○ Constructed from 102 mm thick panels ○ Galvanised steel outer surface ○ Perforated galvanised steel inner surface designed to prevent particle migration and with high absorbency ○ Acoustic infill composed of materials with variable density enabling an extremely high intrinsic attenuation whilst guaranteeing a high absorption capacity. ○ The components used are fire-rated, inert, mildew resistant and anti-vermin. ○ The thermal coefficient does not exceed 397 W/m²
Junction profiles	○ The ceiling and wall panels are assembled with a H section frame to guarantee good mechanical integrity and acoustic performance. ○ Profile made from 15/10 folded sheets (without joins) ○ Able to move the booth without loss of acoustic performance due to modular construction.
Floor	○ Mounted on anti-vibration pads sized to minimise propagation of vibration at 6.5 Hz frequency. ○ Constructed from 3 and 5 mm thick interlocking steel sheets combined with a neoprene coating. ○ Equipped with a Gerflor U3P3 coating (ultra-resistant) ○ Reduced entrance height : 50mm (ideal for people with reduced mobility)
Door	○ <u>Clear passage</u> : 900mm or 1200mm (L) x 1885 mm (H) Specific dimensions on request (single or double doors) ○ Soundproofing at the door sill is ensured by compression of a neoprene seal in the closed position. ○ Double barrier of magnetic joints guarantees acoustic sealing of the door and provides security for users. The door can be supplied with a handle on the right or left.
Window	○ Double laminated glass 14 mm thick. ○ 600 mm x 600 mm glass installed in an Aluminium frame. ○ Specific dimensions on request.
Ventilation	○ BS Cool-Air system consisting of 2 integrated ventilation silencers in the ceiling or partition panel (fully autonomous system) ○ This system is switched on or off via a switch located inside the booth. ○ Silencers can also be connected to the building ventilation system.
Connection panel	○ Recessed connection panel is fully pre-wired : - 9 stereo 6,4 mm jacks - 1 USB port ○ Designed to maintain the acoustic integrity of the booth.
Lighting	○ Consists of LED tiles (acoustically neutral) and a switch.



Electrics	○ Consists of 6 non-corrugated 220v electrical outlets and 2 RJ45 jacks on trunking (custom-made equipment on request)
Finish	○ Polyester powder paint – RAL colour of your choice (interior/exterior)
Maintenance	○ This booth does not require any particular routine maintenance ○ Walls and ceilings are easily cleaned and decontaminated.
Options	○ Door window (dimensions of your choice) ○ Specific connection panel ○ Access ramp for people of reduced mobility. ○ Cable trays ○ Emergency lighting ○ Emergency call system ○ Blackout film ○ Magnetic and electromagnetic protection (Faraday cage) ○ Fabric on internal walls ○ Specific door/window dimensions



Acoustic performance

Frequency (Hz)	63	125	250	500	1K	2K	4K	8K
Attenuation (dB)	23	25	37	48	55	59	61	62

Coefficient of absorption

Frequency (Hz)	63	125	250	500	1K	2K	4K	8K
Coeff. absorption (α_w)	0,38	0,49	0,37	0,83	0,96	0,99	1,00	1,00

Benefits of audiometric booths Audio 3000

- ✓ Tested in the laboratory and in situation
- ✓ Standard and tailor-made
- ✓ Modular construction (removable & re-assembly)
- ✓ Flexible design
- ✓ Modern design
- ✓ More durable than wood/PVC booths
- ✓ Reduced floor height
- ✓ Small size
- ✓ A pleasant work environment for both practitioners and patients
- ✓ High quality interiors with the ability to customise colours and finish



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