

PRO45S

Modular soundproof booth for audiology, diagnosis and research

puma
soundproofing



Designed for performance, safety, comfort, acoustics. The modular solution for whom require a comfortable soundproof room with great noise reduction (ISO 8253). Thanks to innovative modular system the booths are easy and quick to install. Wide range of sizes available up to 36 sq.m in DIY kit.



Standard configuration 1x1

Interior lining with a fireproof and washable fabric



All our cabins offer the best of Italian design



Product conforms with directive EEC/93/42 regarding class I medical devices



Noise reduction

Product conforms with international UNI EN ISO 8253-1:2010 standard. PRO45S is recommended in hospitals, clinics and audiology centres for audiometry, diagnosis and research to perform in-depth examinations.

Acoustic insulation

Hertz	125	250	500	1000	2000	3150	4000	6300	8000
dB	20,0	33,5	36,3	42,5	42,1	47,6	50,4	50,1	48,6

Internal reverberation (test on 2x2 booth without acoustic panels)

Hertz	125	250	500	1000	2000	3150	4000	6300	8000
T. sec.	0,46	0,29	0,20	0,25	0,20	0,20	0,19	0,17	0,14

Configurations

Available in standard configurations and special sizes from 1x1 to 6x6 up to 36 sq.m.

Standard sizes from 1x1 to 3x3 (3x4 up to 6x6 and special sizes upon request)

Size	Length in cm out/ins	Width in cm out/ins	Height in cm out/ins	sq.m	Weight kg	kg/sq.m
1x1	114/100	114/100	220/200 * (out 245 with air)	1.30	417	321
2x1	216/202	114/100	220/200 * (out 245 with air)	2.46	642	261
2x2	216/202	216/202	220/200 * (out 245 with air)	4.66	935	201
3x2	318/304	216/202	220/200 * (out 245 with air)	6.87	1229	179
3x3	318/304	318/304	220/200 * (out 245 with air)	10.11	1591	157

Structure

The structure of the cabin consists of a supporting frame made from insulated aluminium by acoustic materials.

Exterior

The exterior finish is made of a white highly-resistant, fireproof, washable panel.

Interior

The interior finish is made of fireproof and washable fabric that creates a very pleasant and comfortable environment.

Acoustics

The acoustic panels (optional equipment) allow to adjust the internal acoustics to get more or less reverberation depending on usage. Installation is easy and quick.

Door

The door is reversible and the opening (right or left) can be decided upon assembling the booth.

The door can be opened from inside by pushing the safety button (panic door). Clear opening 75x186 cm (w x h).

Window

The window is large to provide better visibility to the doctor. It helps to eliminate that closed-in feeling for the patient. The window consists of a special double safety glass. Clear view 62x80 cm (w x h).

Floor

The floor features a special floating system to reduce vibrations and stands on anti-vibration adjustable feet. Finish: technical antistatic washable carpet.

Ventilation system

Air ventilation is guaranteed by a silent forced ventilation system mounted on top of the booth *(outside cabin height 245 cm).

Connecting instruments

Cables are laid through a new universal soundproof panel without jack connection. All kinds of cables can be used without the need to be cut. Adaptable to all types of instruments.

Electrical system

Switches for lighting and ventilation are separated.

Lighting is ensured by a fluorescent lamp with low energy consumption.

Power supply: 220/230 V. - 50/60 Hz.

Optional equipment

- Acoustic panels (internal)
- External folding table (79x50 cm)
- Special sizes
- Ramps for easy access
- Emergency light
- Internal power sockets.

Delivery

Delivered in packaging for shipping in a DIY kit.

Installation

Easy and quick to install in DIY kit; no specialised staff required. Just follow the instructions. Positionable on any floor.

Notes

The materials are fireproof and self-extinguishing at the origin. Specifications are subject to change without notice.

Warranty: limited to one year from delivery date.

