

DW - Top-grade Double Wall modular booth



Internal in perforated steel



- Modular soundproof booth with steel structure
- Great noise reduction up to 94 dB
- Complies with ISO 8253 1:2010*
- Available in a wide range of sizes



DW-2700



DW internal with double door



Internal view in perforated steel



Product conforms to regulation (EU) 2017/745
on Medical Devices

DW - Double Wall Technical specification

Available sizes (bespoke sizes on request)

Code	Outside Dimensions (LxWxH)	Inside Dimensions (LxWxH)	Ext. sq.m	Weight	Air System
DW-2400	240 x 240 x 290 cm	180 x 180 x 200 cm	5.76	3100 Kg	included
DW-2500	250 x 250 x 290 cm	190 x 190 x 200 cm	6.25	3200 Kg	included
DW-2600	260 x 260 x 290 cm	200 x 200 x 200 cm	6.76	3300 Kg	included
DW-2700	270 x 270 x 290 cm	210 x 210 x 200 cm	7.29	3500 Kg	included
DW-2800	280 x 280 x 290 cm	220 x 220 x 200 cm	7.84	3600 Kg	included
DW-2900	290 x 280 x 290 cm	230 x 220 x 200 cm	8.12	3700 Kg	included
DW-3100	310 x 310 x 290 cm	250 x 250 x 200 cm	9.61	3900 Kg	included

*Overall height cm 290 with air ventilation system on top (booth height cm 245 + air system height cm 45)

Applications

PROMETAL line is recommended for clinical analyses and diagnostic tests in hospitals and specialized audiology centers to perform in-depth examinations where the noise environment is high and could affect the ENT tests results. Its modular solutions are suitable for different applications such as Free Field test.

Structure

Panels are specially designed to be easily assembled and removed and are completely made of scoured steel plate. Cabin is electrostatically painted.

Double wall

Double wall cabins available in standard and special sizes consist of a structurally isolated inner room and outer room not mounted on the same base. Double-walled construction with 10 cm external panel + 10 cm air between panels and 10 cm internal panel thickness with double door for superior noise reduction.

Exterior

The exterior finishing is made of a metal highly-resistant, fireproof, washable panel.

Interior

The interior finishing is made of sound absorbing perforated sheet metal (washable and fireproof) for a perfect acoustic environment.

Sanitation of the interior

The internal lining can be sanitized according to directives of the Ministry of Health using a damp cloth with colorless alcohol-based spray sprayed to at least 30 cm of distance.

Doors

Double door with mechanical closing system are opened from inside/outside with a comfortable clear opening for standard wheelchairs passage. A special ramp system for easy access is optional. Standard clear opening 80 x 187 cm (w x h).

Window

The window is large to provide better visibility to the doctor and consists of a special double soundproof glass.

Floor

The cabin is installed on a 10 cm thickness base and stands on special anti-vibration adjustable feet. Finishing in technical, anti-static, fireproof, washable PVC (linoleum).

Ventilation system

Air ventilation (air exchange system) is guaranteed by a silent forced ventilation system mounted on top of the booth. Air ventilation can be also installed on the walls to save space in height.

Connecting instruments

Jack panel system positioned below the window and composed by 12 jack. Connections for free field available from DW-2400 upwards (on request).

Electrical System

Electrical system has been specially designed to be invisible with cables hidden inside the panels. Switches for lighting and ventilation are separated. On request power sockets (inside/outside) which are embedded in the panels. Cabin is lightened by a LED light. Power supply: 220 V. - 50/60 Hz. with grounding system.

Noise reduction Product conforms with international UNI EN ISO 8253-1:2010 standard.

Acoustic insulation

Hertz	125	250	500	1000	2000	4000	8000
dB	47.5	53.3	69.2	80.8	92.6	94.8	91.2

Optional equipment

- Ramps for easy access
- Modification Voltage 110 V.
- Free field configuration
- Emergency Light
- Internal power sockets
- External power sockets
- Ventilation on wall
- Modification door opening 90 cm
- Special sizes
- USB connection
- Universal connection panel

Packing

Delivered for shipping in a ISPM wooden case.

Installation

DW is installed by our specialized staff. The installation needs 15 cm overall each side (l x w x h).

Notes

The materials are fireproof at the origin. Specifications are subject to change without notice. Warranty: limited to one year from delivery date.

Standards

Medical Device Class I
EU 2017/745 (old EEC 93/42)
2007/47/EC - CEI 64/11
CEI 64/8 - 2006/95/EC
UNI EN ISO 8253 1:2010.

