Hearing Test Cabin Model
Maxi 350

- KIT FORM
- Equipped with castors for full flexibility
- Optional: door hinge left or right
- Maintenance-free LED lighting
- Silenced air ventilation system

iac acoustics
making the world a quieter place
Maxi 350 hearing test cabin

The Maxi 350 Series cabins provide a controlled acoustic environment for hearing testing, sound and speech audiometry. A wide variety of tests, such as serial examinations, can be carried out cost-effectively and efficiently. The standard design with swivel castors makes the cabs mobile and therefore flexible in use. Equipped with its own silenced air ventilation system, LED lighting and a built-in socket plate for connecting the audiometer, the Maxi 350 series cabins can be used immediately after installation on site. The cabins can be installed by the client or by IAC site engineers and offer sufficient space for patients.

Dimensions and weight
Outside: (W x D x H)
1,000 x 1,070 x 2,270 mm
Inside: (W x D x H)
895 x 950 x 2,000 mm
Weight: approx. 350 kg

Jack plate
Completely wired, built-in socket plate with 9 stereo jack sockets (6.3 mm) and 1 USB socket.

Electrics
Electric power supply with 3 m cable to connect the cabin to a 230 Volt socket.

ground
Floor entry height: approx. 110 mm Carpet, colour black

Ventilation
12 Volt IAC TranquilAire® air ventilation system installed in the ceiling panel. IAC cabins with an air ventilation system should be installed in adequately ventilated or air-conditioned rooms.

Surface finish
High-quality powder coating inside and outside in RAL 9010, white.

Construction
IAC Noiseield® panel (53 mm thick) galvanised steel sheet on the outside and galvanised perforated steel sheet on the inside.

Door
IAC acoustic door, 894 x 2,000 mm [clear opening]. All around and self-aligning magnetic seal for easy operation and high acoustic performance.

Permissions
Double-glazed acoustic window with 2x6 mm laminated safety glass; clear view dimension 760 x 610 mm. The lower part of the window is iced-up.

Lighting
Maintenance-free LED lighting, in ceiling panel, 12 Volt.

Acoustic performance
Noise reduction is defined here as the measured sound pressure level difference of the assembled cabin in a reverberation chamber (= reverberation chamber test method) from inside to outside.

Acoustic performance

Octave band center frequency:

<table>
<thead>
<tr>
<th>F/Hz</th>
<th>125 Hz</th>
<th>250 Hz</th>
<th>500 Hz</th>
<th>1,000 Hz</th>
<th>2,000 Hz</th>
<th>4,000 Hz</th>
<th>8,000 Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>R in dB</td>
<td>18 dB</td>
<td>32 dB</td>
<td>38 dB</td>
<td>44 dB</td>
<td>51 dB</td>
<td>52 dB</td>
<td>50 dB</td>
</tr>
</tbody>
</table>

Subject to technical changes without notice.

For further information on sound insulation, please refer to the installation sheet.

“Important Features of IAC Acoustics Standard Cabins.”

IAC GMBH
Sohlweg 17
41372 Niederkrüchten
Germany

T: +49 2163 9991-0
F: +49 2163 9991-23
E: deutschland@iac-gmbh.de

www.iac-gmbh.de