

IAC AudioMetric Booth 254 Mini-Max Sound Shelter



Description

The 254 Series Mini-Max Sound Shelter design is engineered to allow flexibility in any environment. The 254 Series can be quickly transformed to achieve a right or left hand configuration, without any disassembly of components, by any staff member without any tools.

Ideally Suited for:

- Industrial — Monitoring Audiometry
- Public School — Identification Audiometry
- Speech Audiometry (through earphones)
- Psychological Data Recording
- Hearing Health Professionals
- Mobile Test Vans

Equipped with:

- Noise-Lock® magnetic-seal doors for safety
- Tranquil-Aire® silent forced ventilation system
- Outside mounted shelf (16" x 32")
- Casters for ready positioning or repositioning of booth

Technical Characteristics

Assembly:

Ships fully equipped and assembled; passes through any normal 32" (813 mm) wide door

Inside Dimensions:

31" wide x 36" deep x 66" high
(788 mm x 914 mm x 1676 mm)

Outside Dimensions:

36" wide x 41" deep x 75½" high
(914 mm x 1041 mm x 1905 mm)

Floor Area:

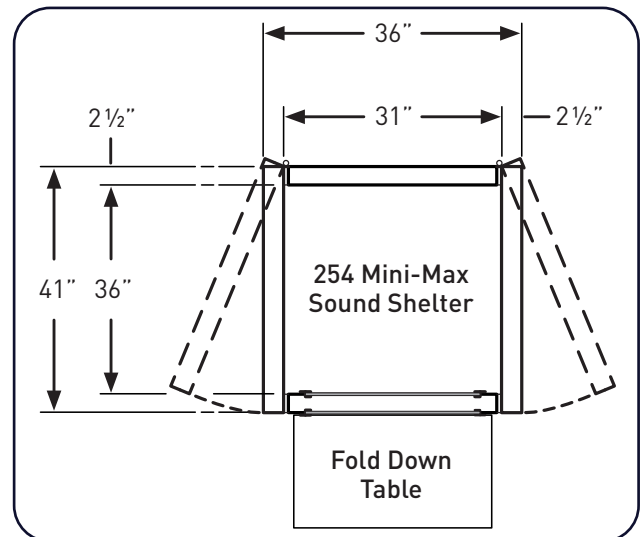
Less than 8 sq. ft. (0.74 sq. m)

Net Weight:

825 lbs. (375 kg)

Shipping Weight:

890 lbs. (405 kg)



Noise Reduction (dB)

125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	STC
18	32	38	44	51	52	50	39

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PRODUCT DATA SHEET

IAC AudioMetric Booth 254 Mini-Max Sound Shelter

Panel Construction:

2½" thick Noishield® panels

Largest Panel Size:

3'5" wide x 5'6" long x 2½" thick

Customer to ensure adequate site access

Interior Surfaces:

22 ga. perforated steel

Exterior Surfaces:

14 ga. solid steel

Floor Interior Surface:

11 ga. steel

Finish:

Textured powder coated

Door:

(2) 3'5" wide x 5'6" high (clear opening) doors supported on

(2) architectural heavy duty butt hinges integrally mounted within the door leaf and panel frame

Notes:

- Self-aligning magnetic compression seals are mounted on the top and sides of the door leaf
- A self-adjusting drag seal is supplied for the bottom of the door

Window:

(1) 2' wide x 2'6" high aluminum frame with double glazed ¼" thick laminated safety glass

Shelf:

(1) 1'4" wide x 2'8" deep externally mounted shelf for audiometer

Electrical:

- Switch mounted on lighting fixture inside the room operates the fan and light
- (1) 10' long drop cord provided for connection to power

Note:

- Booth is factory UL certified and labeled

Audiometric Jack Panel:

Completely pre-wired, flush-mounted jack panel consisting of (6) switchcraft 3-wire phone type jacks

Booth Options:

Ventilation:

Ceiling panel contains an all-in-one forced ventilation system and intake and exhaust silencers

Color:

"Khaki" standard or choice of (9) standard colors

Floor Covering:

Industrial nylon carpet, to match paint color selection with ¾" thick underlayment and 2½" H black cove base molding included

Optional Equipment:

- Vibration isolators are available where structure-borne noise is a problem
- Intercom systems

Site Requirements:

- Customer to provide a finished floor which is within +/- ¼" of level in 10 non-cumulative feet
- 4" minimum clearance is required between the exterior of testing booth and host facility walls /ceiling

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