

Personal Sound Enclosure *PSE*

A Compact, Sound-Controlled Acoustic Test Chair Offering Comprehensive Evaluations While Providing Maximum Patient Comfort.



PSE



Now you can provide your patients with a relaxed, non-isolated experience for air, bone, speech, soundfield and signal-to-noise tests. Introducing the Personal Sound Enclosure – PSE – from the Acoustic SoundLab Division of Starkey Laboratories.

Featuring an exclusive five-layer construction system, the PSE is the ideal sound enclosure solution for any size hearing instrument and audiology practice.

The PSE is an economical alternative to large, traditional sound rooms while using just a fraction of the space. Best of all, the PSE provides a well-lighted, custom upholstered interior, creating a relaxed, open feeling that encourages interaction and improves the test environment.

Let the PSE's enhanced comfort and highly accurate testing environment provide you with the right combination of features for your sound control and evaluation needs.

TECHNICAL SPECIFICATIONS

Feature Summary:

Office-Grade Acoustic Laminated Cabinet with antivibration soundcoat.

Comfortable Upholstered Chair with ergonomic arm support.

Soft Interior Lighting and Stereo Soundfield Speaker System.

Full-Torso Door With Acrylic Window.

Built In Jack Panel.

Dual Patient Signal Buttons and Outside Mounted Lights.

Caster Wheels for Convenient Movement.

Storage Area.

Sound Controls



Soundfield Speaker System



Benefits:

Relaxed, Comfortable Environment.

Economical Alternative to Costly Soundrooms.

Patient Signal Buttons and Outside Mounted Lights



Storage Area



**PSE Test Data
Noise Reduction***

| Frequency Band | Noise Reduction (dB) |
|----------------|----------------------|
| 250 Hz | 19 dB |
| 500 Hz | 8 dB |
| 750 Hz | 11 dB |
| 1000 HZ | 18 dB |
| 1500 Hz | 20 dB |
| 2000 Hz | 18 dB |
| 3000 Hz | 18 dB |
| 4000 Hz | 23 dB |
| 6000 Hz | 25 dB |
| 8000 Hz | 21 dB |

General Specifications:

Dimensions: Height 158 cm/62 inches
Width 81 cm/32 inches
Depth 69 cm/27 inches

Frequency Response: 50 Hz-16 kHz

Soundfield Speakers: 20 cm
8 ohm
32 peak watts

Weight: ~ 70.3 Kilograms/~ 155 lbs. complete

*Defined as the difference between sound-pressure level outside the PSE and inside the PSE with sound source directed at the PSE at 90 degrees.