

JOYO SOUND

SERIES PRODUCT CATALOG

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Continuous growth through serving customers

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Operate with Love, Serve with Conscience, Achieve with Craftsmanship

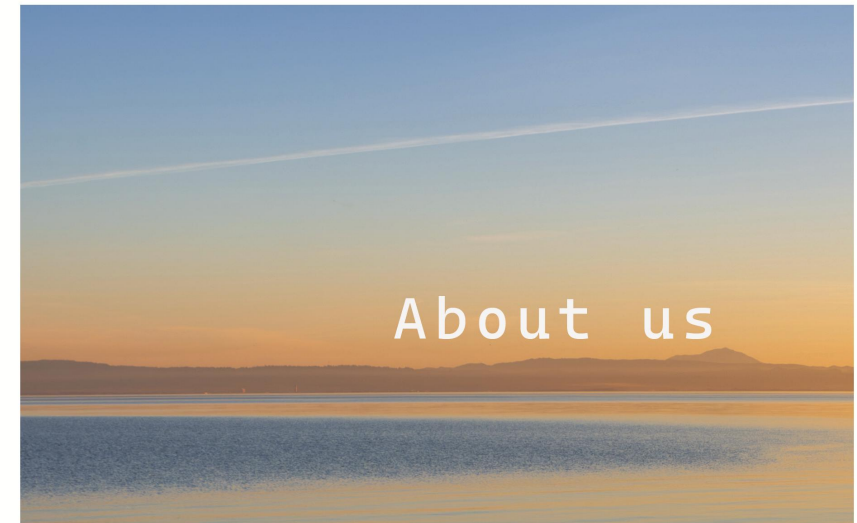
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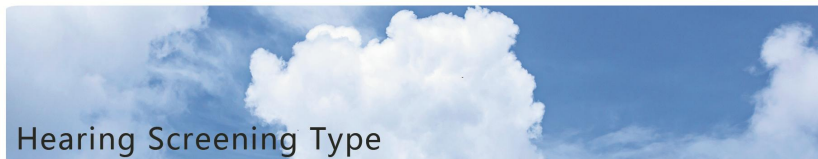
Zhuoting Acoustics was founded in 2015, dedicated to providing professional acoustic products and comprehensive solutions for medical, hearing, rehabilitation, and scientific research fields. We assist audiologists in establishing hearing centers and implementing sound insulation deployments, standing as one of the most trusted suppliers in the hearing industry. Adhering to the two core principles of "Technology and Environmental Protection," we persist in innovation through research and development, organically integrating technology with acoustics. We create leading medical-grade acoustic product series, including over 20 categories such as screening clinical models, diagnostic models, soundproof and electromagnetic shielding rooms, soundproof and radiation shielding rooms, and scientific research anechoic chambers. Our comprehensive products and solutions are widely applied in clinical medicine, hearing centers, institutional education, and scientific research scenarios.

Vision To become a smart integrated platform for soundproof room solutions

Mission To grow continuously through serving our clients

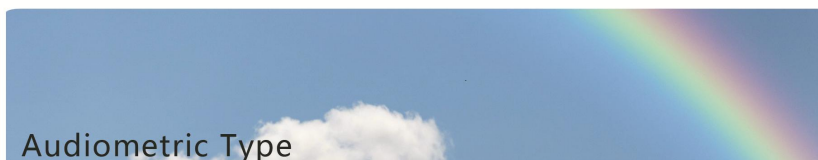
Value Quality is built, not inspected





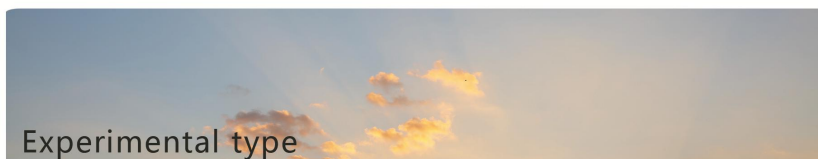
Hearing Screening Type

1



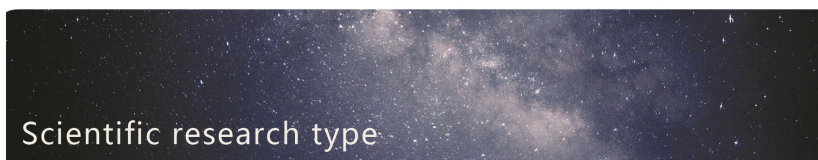
Audiometric Type

3



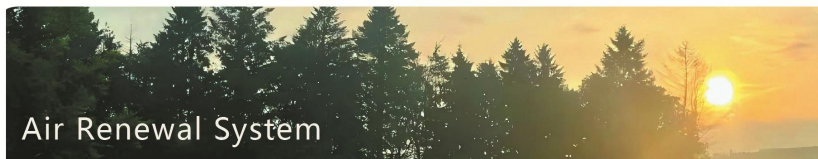
Experimental type

7



Scientific research type

13



Air Renewal System

15



Customizable features

17

Screening Soundproof Room-Series S

Portable integrated non-installation soundproof room

- Compliant with ISO9001:2015 standards
- No installation required, easy and quick to use
- Caster wheel design for convenient mobility
- Comfortable and effective acoustic performance

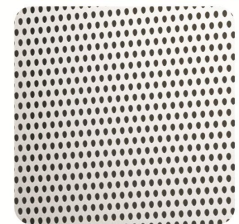


S120

The S series is a screening soundproof booth that guarantees excellent noise reduction. It is recommended for hearing aid fitting stores and community health service centers with limited space and requiring small soundproof booths. The interior features disinfectable white metal microporous sound-absorbing lining, providing excellent acoustic performance for the booth. The silent forced ventilation system ensures air exchange, and the clear vision window helps reduce claustrophobia. The external dimensions are 740x960x190cm / 120x120x230cm, and the S80 model can be equipped with wheels. The S series can be used in medical schools, physical examination centers, and mobile hearing service vehicles. It is an ideal solution for mobile hearing services.



Interior Finish:
Perforated Metal Panel



S80

Clinical Soundproof Room-Series L

Standard Modular Soundproof Room

- The sound insulation reaches up to 55.2 decibels
- Complies with ISO 9001:2015 standard
- Flexible design, comfortable, excellent acoustic performance
- Extremely easy to assemble and disassemble
- Wide size range, up to 10.5m²
- Customizable intelligent space system

The L series is a clinical-grade standard modular soundproof booth, offering various standard sizes and customizable options, ideal for hearing centers conducting hearing screenings and diagnostic tests. Modular solutions cater to diverse application scenarios and testing requirements, including sound field testing, Faraday-shielded ABR/BERAW testing (optional), etc. The booth features a self-supporting structure made of 10cm thick single-layer steel plates, filled with high-performance soundproof roofing and thermal insulation materials, and finished with epoxy resin coating. The design allows for easy installation and relocation. The interior is finished with disinfectable white metal microporous sound-absorbing panels, providing excellent acoustic performance. The ventilation system comes in standard, flagship, and smart versions. The smart version is equipped with an intelligent control system, ensuring constant temperature, oxygen level, humidity, and quietness.



- *Standard Configuration = Silent fan + muffler duct + Single-pass silencer
- *Flagship Configuration = Dual-channel purified fresh air unit + Muffler duct + Honeycomb dual-pass silencer duct + Dual-channel honeycomb silencer
- *Intelligent Configuration = Smart control screen + Sensor cabinet + Dual-channel purified fresh air unit + Sound attenuation

Interior Finish:
Micro-Perforated Metal Acoustic Panel



L300



L200



L150



L280



The product complies with the Medical Device Regulation (EU) 2017/745 (formerly EEC 93/42)

Clinical Soundproof Room-Series LS

Single-Layer Suite-Type Soundproof Room

- Complies with ISO9001:2015 standard
- High noise reduction (up to 55 dB for single wall)
- Flexible design, comfortable, excellent acoustic performance
- Modular design for easy reassembly
- Available in multiple sizes
- Faraday Shielded ABR/BERA Test

The LS single-layer double-chamber soundproof room, as a special version of the L series, is available in various standard sizes and can be customized. It is suitable for hospitals and professional audiology centers to conduct clinical analysis and diagnostic testing. Modular solutions can meet various application scenarios and testing requirements, such as sound field testing, Faraday shielded ABR/BERATM testing (optional), etc. The cabin is a self-supporting structure manufactured using 10cm thick single-layer steel plates, filled with high-performance sound and thermal insulation materials, and coated with epoxy resin. The design allows for easy installation and relocation. The interior features disinfectable white metal microporous sound-absorbing lining, providing excellent acoustic performance for the soundproof room. The fresh air system is divided into standard, flagship, and intelligent models. The intelligent model is equipped with an intelligent control system, achieving constant temperature, constant oxygen, constant humidity, and constant silence.



- *Standard Configuration = Silent fan + upper duct + Single-pass silencer
- *Flagship Configuration = Dual-channel purified fresh air unit + Muffler duct + Honeycomb dual-pass silencer duct + Dual-channel honeycomb silencer
- *Intelligent Configuration = Smart control screen + Sensor cabinet + Dual-channel purified fresh air unit + Sound attenuation

Interior Finish:
Micro-Perforated Metal Acoustic Panel



LS620



LS540



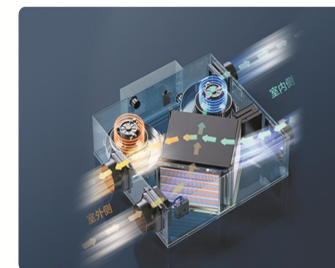
The product complies with the Medical Device Regulation (EU) 2017/745 (formerly EEC 93/42)

Clinical Soundproof Room-Series Z

Double-Wall Steel Structure Soundproof Booth

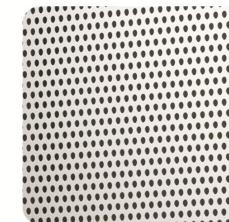
- Compliant with ISO9001:2015 standard
- High noise reduction (up to 91 dB)
- Flexible and comfortable design with excellent acoustic performance
- Available in various standard or customized sizes
- Customizable intelligent space system

The Z-series diagnostic soundproof booth is specifically designed for hospitals and professional audiology centers, used for clinical analysis and diagnostic testing. It is particularly suitable for high-noise environments that may affect test results. The modular solution is applicable to various scenarios, including sound field testing. The walls designed exclusively for assembly and disassembly are entirely made of full steel structure and finished with electrostatic spraying. Double-layer soundproof chambers are available in standard and custom sizes, consisting of an inner cabin and an outer cabin separated by structural insulation, with a non-shared base design. The double-wall structure features outer panels 10cm thick, a 10cm air gap between panels, and inner panels 10cm thick. Dual-door systems are also provided. The fresh air system is divided into standard, flagship, and intelligent models. The intelligent model is equipped with an intelligent control system, achieving constant temperature, constant oxygen, constant humidity, and constant silence.



- *Standard Configuration = Silent fan + ufer duct + Single-pass silencer
- *Flagship Configuration = Dual-channel purified fresh air unit + Muffler duct + Honeycomb dual-pass silencer duct + Dual-channel honeycomb silencer
- *Intelligent Configuration = Smart control screen + Sensor cabinet + Dual-channel purified fresh air unit + Sound attenuation

Interior Finish:
Micro-Perforated Metal Acoustic Panel



Z300



Z200



Z400



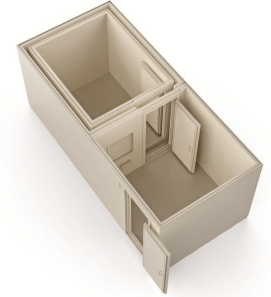
The product complies with the Medical Device Regulation (EU) 2017/745 (formerly EEC 93/42)

Clinical Soundproof Room-Series ZS

Double-Walled Steel Structure Soundproof Booth

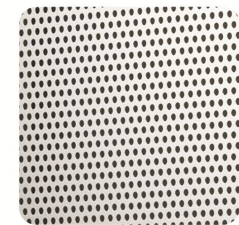
- Compliant with ISO9001:2015 standard
- High noise reduction (up to 91 dB)
- Flexible and comfortable design with excellent acoustic performance
- Available in various standard or customized sizes
- Customizable intelligent space system

The ZS double-layer and double-chamber soundproof room, as a special version of the Z series, is designed for clinical examinations and in-depth diagnostic testing in hospitals and professional audiology centers. It is particularly suitable for high-noise environments that may affect test results. The modular solution is applicable to various scenarios, including sound field testing. The walls designed exclusively for assembly and disassembly are entirely made of full steel structure and finished with electrostatic spraying. Double-layer soundproof chambers are available in standard and custom sizes, consisting of an inner cabin and outer cabin separated by structural isolation, with a non-shared base design. The double-wall structure features an outer panel thickness of 10cm, a 10cm air gap between panels, and an inner panel thickness of 10cm. Dual-door systems are also provided. A single-layer room with a 10cm thick steel structure single wall system and double-layer room opening achieves optimal sound insulation. The fresh air system is divided into standard, flagship, and intelligent models. The intelligent model is equipped with an intelligent control system, achieving constant temperature, constant oxygen, constant humidity, and constant silence.



- *Standard Configuration = Silent fan + upper duct + Single-pass silencer
- *Flagship Configuration = Dual-channel purified fresh air unit + Muffler duct + Honeycomb dual-pass silencer duct + Dual-channel honeycomb silencer
- *Intelligent Configuration = Smart control screen + Sensor cabinet + Dual-channel purified fresh air unit + Sound attenuation

Interior Finish:
Micro-Perforated Metal Acoustic Panel



ZS620



ZS540



The product complies with the Medical Device Regulation (EU) 2017/745 (formerly EEC 93/42)

Clinical Soundproof Room-Series ZP

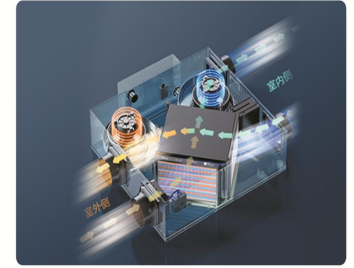
Double-Wall Steel Structure Soundproof Booth

- Compliant with ISO9001:2015 standard
- High noise reduction (up to 91 dB)
- Flexible and comfortable design with excellent acoustic performance
- Available in various standard or customized size
- Customizable intelligent space system
- Faraday Shielded ABR/BERA Test



ZP300

The ZP series soundproof and noise isolation chamber, as a special version of the Z series, is specifically designed for hospitals and professional audiology centers for clinical analysis and diagnostic testing. It is particularly suitable for high-noise environments that may affect test results. Its modular solution is applicable to various scenarios, including sound field testing, Faraday shielded ABR/BERA/ASSR testing, etc. The walls designed exclusively for assembly and disassembly are entirely made of full steel structure and finished with electrostatic spraying. Double-layer soundproof chambers are available in standard and customized sizes, consisting of an inner cabin and outer cabin separated by structural isolation, with a non-shared base design. The double-wall structure features outer panels 10cm thick, a 10cm air gap between panels, and inner panels 10cm thick. Dual-door systems are also provided. The fresh air system is divided into standard, flagship, and intelligent models. The intelligent model is equipped with an intelligent control system, achieving constant temperature, constant oxygen, constant humidity, and constant silence.



- *Standard Configuration = Silent fan + uffer duct + Single-pass silencer
- *Flagship Configuration = Dual-channel purified fresh air unit + Muffler duct + Honeycomb dual-pass silencer duct + Dual-channel honeycomb silencer
- *Intelligent Configuration = Smart control screen + Sensor cabinet + Dual-channel purified fresh air unit + Sound attenuation

Interior Finish:
Micro-Perforated Metal Acoustic Panel



ZP280



The product complies with the Medical Device Regulation (EU) 2017/745 (formerly EEC 93/42)

Acoustic anechoic chamber—Series A

- 60dB Sound Insulation
- 6.9-inch smart panel
- Anti-Interference Signal Shielding and Transfer System
- Continuous Sound-Dampening Ventilation System
- It can simulate a free sound field for testing sound source radiation characteristics, measuring sound power, detecting and calibrating equipment noise, etc.

Available for: Electronic and electroacoustic equipment performance measurement, identification and analysis; frequency analysis, phase and sound radiation characteristics analysis, etc.

Measurement, identification and analysis of noise performance for mechanical equipment, transportation tools and appliances, and their components; or determination and evaluation of mechanical performance, quality, and even grade classification through noise analysis.

Research on the acoustic and spectral characteristics of language and music, as well as the measurement and study of auditory characteristics in psychology and physiology and other related properties.

Interior:
Sound-absorbing wedges/
pyramids



Intelligent air renewal system

- Two-way Soundproof Ventilator
- Single-unit Soundproof Ventilation
- Single-unit Soundproof Ventilator
- Dual Ventilation Silencer
- Ventilation Dual Circulation with 120m³/h Fresh Air Intake

Intelligent Fresh Air System. Unlike traditional ventilation equipment which can only achieve basic air circulation while inevitably generating noise, the intelligent fresh air system can achieve a maximum ventilation rate of 240 m³/h. It also provides real-time monitoring of carbon dioxide levels in soundproof rooms. Even after working in a soundproof room for up to 8 hours, users won't experience carbon dioxide poisoning symptoms such as flushed face, dizziness, or chest tightness. Meanwhile, the high noise reduction characteristics of the fresh air system ensure the accuracy of audiometric diagnosis data in soundproof rooms.

