



### **Modular Rooms for Audiometric Examination and Medical Research**

- Guaranteed Acoustic Performance
- Complete Design and Installation Service
- Comprehensive product range, from small screening booths to full-size rooms, suites and mobile (vehicle mounted) units
- Standard rooms available from stock
- Over 50 years experience in Audiometric Test Room Design and Construction
- BS EN ISO 9001 quality standard and BS EN ISO 14001 environment management registered



audiometric rooms

## A WORLD LEADER

IAC is the world's leading supplier of audiometric testing and medical research facilities, having designed and built, since 1949, over 40,000 rooms for hospitals, clinics, universities, schools, laboratories and medical centres internationally. Whether you require a single, standard screening booth, a customised audiology room/suite or a vehicle-mounted mobile unit, you can be confident that IAC-built Audiometric Test Facilities will comply fully with all relevant acoustic criteria, technical standards and international design specifications.



## MAJOR BENEFITS OF THE IAC MODULINE® SYSTEM

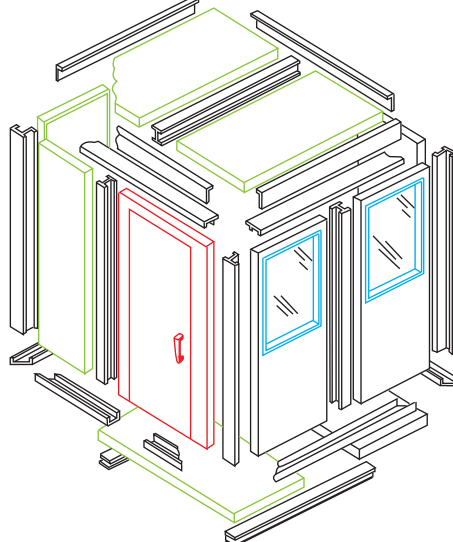
All IAC Audiometric Rooms are constructed using Moduline®, an integrated system of laboratory and field-tested components - including wall and roof panels, structurally isolated floors, doors, windows and silenced ventilation systems. The system offers many key advantages over traditional building materials:



- **Guaranteed Acoustic Performance and Compliance with All Major Technical Standards** - including HTM 2045, ISO 8253 and ISO BS EN 6189 etc.
- **Clean, Rapid Installation** - which keeps building time and mess/disruption to an absolute minimum.
- **Strong but Lightweight Structures** - approximately

1/3 the weight of conventional structures of the same size.

- **Complete Design Flexibility** - giving clients the freedom to order rooms of almost any size and shape.
- **Portability** - Rooms can be dismantled and moved to a different location with relative ease, at low cost and with no loss in acoustic performance.



## THE IAC TURNKEY SERVICE

- **Design**
- **Manufacture**
- **Installation**
- **Acoustic Testing**
- **Commissioning**
- **After-Sales Support**

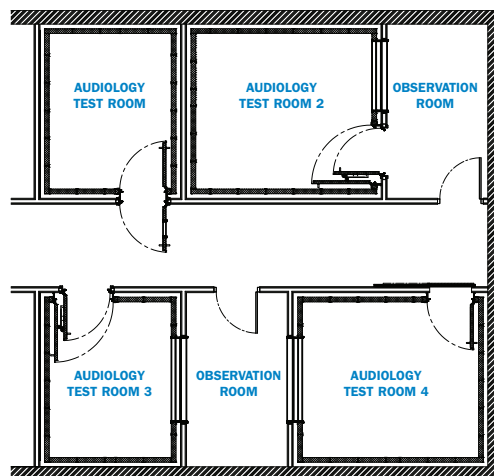
The IAC Turnkey Service was developed in direct response to the requirements of the UK's DHSS Design Guide and other international standards governing the way audiometric test facilities should be designed and constructed. IAC specialises in providing complete, purpose-built audiometric rooms/suites which fully satisfy the Guide's criteria in respect to all acoustic, structural, mechanical and electrical requirements. The provision, for example, of lighting, power, fire and patient/nurse call systems all form part of the IAC turnkey service. In addition, IAC takes full responsibility for the design, selection and installation of air conditioning/ventilation plant, thereby ensuring that acoustic standards (ambient noise levels) are achieved. The turnkey service from IAC also includes every aspect of interior design



and decoration; attractive carpets and fabric wall coverings, in a wide range of colours, all help to create an environment in which patients feel at ease.



**Typical layout of a 4-room turnkey audiometric suite**



IAC is registered to the international BS EN ISO 9001 quality standard and BS EN ISO 14001 environment management.

## THE 250 SERIES MINI SOUND SHELTER

The smallest booth in IAC's standard range, the *250 Sound Shelter* is an excellent, proven, low-cost solution for industrial audiometry and complies fully with ISO BS EN 6189. Fitted with castors for complete mobility, it can be supplied in assembled or kit form. It is equipped with its own ventilation system, lighting, shelf and jack panel (for audiometer connection). For a detailed specification please see Bulletin No. MSS/04.08.



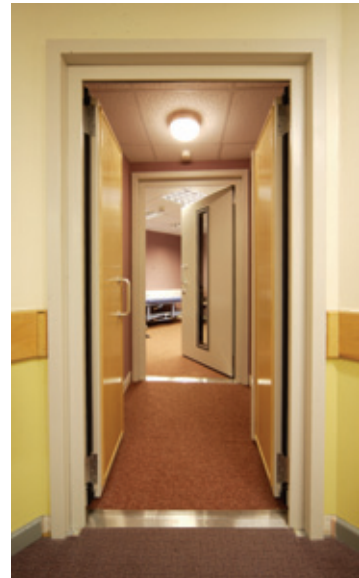
## STANDARD ROOMS OFFER CHOICE AND VALUE

IAC's range of almost 30 different standard rooms provides customers with two major benefits - choice and value. The range includes both single and double wall models and units have either one or two rooms. All are constructed, equipped and finished to a very high standard.

More information - including room dimensions, weights and performance details - can be found in IAC Bulletin No. SR/6.06

## COMPLEMENTARY IAC ACOUSTIC PRODUCTS

IAC manufactures many other products for use in acoustically isolated rooms and buildings. These include Noise-Lock® acoustic doors and windows, Quiet-Vent® air conditioning systems and ventilation silencers, Varitone® wall linings and Acousti-Flote® floors. Please contact us for more details.

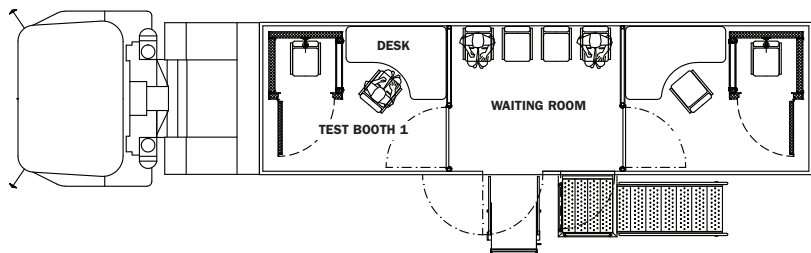


## MOBILE FACILITIES FOR 'ANYWHERE'



A major IAC speciality, vehicle-mounted *mobile* audiometric rooms are ideal for carrying out proper hearing screening programs in organisations where permanent facilities may not be practical, such as schools and local businesses.

IAC mobile audiometry facilities are typically supplied as complete, ready-to-use units and can also incorporate other healthcare screening procedures such as X-rays, lung function and vision testing.



## PRODUCT RANGE

### Audiometric Screening Booths

- The IAC 250 Series Mini Sound Shelter: IAC's best-selling booth for hearing screening in industry
- The IAC Model 401-A-SE: A compact, single-wall standard room with a door and window in the same side
- The IAC 1201-A: A popular, standard double-wall booth with structurally isolated inner room

### Diagnostic Audiometric Rooms

- Almost 30 standard rooms of different sizes. Single and double wall versions are available as well as one or two room suites
- Turnkey rooms and suites, the size, shape, performance and appearance of which are fully customised

### Specialist Rooms

- Rooms for non-clinical use such as psycho and bio-acoustic research
- Compact, 'mini' acoustic chambers

### Mobile Audiometric Units

- Rooms for vehicle mounting
- Complete, turnkey mobile units, supplied finished and equipped, ready for use

### Refurbishment Services

- The upgrading and/or adaptation of existing facilities to bring them into line with current standards, including non-IAC built rooms



## CLIENTS

The following are examples of the many hospitals, universities and research centres around the world who have invested in IAC audiometric test facilities:

The Royal National Throat, Nose and Ear Hospital, London

Nottingham Children's Hearing Assessment Centre

Great Ormond Street Hospital for Children, London

Alder Hey Children's Hospital, Liverpool

Guy's and St Thomas' Hospital, London

Tallaght Hospital, Dublin

Pellegrin Hospital, Bordeaux, France

Ystad Hospital, Sweden

Regensburg University, Germany

Nytt Rikshospital, Norway

Salzburg Community Hospital, Austria

Catharina Hospital, Netherlands

Jeddah Institute for Speech and Hearing

King Faisal Hospital, Riyadh





## ABOUT US

Established in 1949, IAC is the world's largest provider of noise and acoustic control products, structures and test facilities.

Employing over 800 people, the company has major research and development centres in the USA and France and manufacturing plants on six separate sites in the UK, China, France, Denmark, Australia and the USA.

IAC's Global Headquarters are located in Winchester, UK, approximately 110km (70 miles) from London.

In addition to the facilities directly owned and operated by the company, IAC works in close partnership with several other manufacturing organisations, notably in eastern Europe and India.

It also has a large network of technical sales engineers, agents and distributors, offering advice and assistance to customers around the world. Several of these manufacture IAC products under license.

## ACOUSTIC PRODUCTS

- aero-engine test facilities
- aircraft hush houses and run-up pens
- air handling units (AHU's)
- anechoic chambers
- audiology rooms
- baffles
- barriers
- booths
- broadcasting studios
- diesel engine silencers
- diesel noise control packages
- doors
- duct silencers
- enclosures
- gas turbine packages
- language training facilities
- louvres
- moveable walls
- music practice rooms
- partitions
- power plant silencers
- recording studios
- reverberation rooms
- silencers
- sound absorption systems
- studios
- test facilities
- turboshaft test cells
- translation booths
- vibration isolators
- voice-over booths
- windows



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*world leader in noise control*

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