



For everyone

# ER-75

## Electro-acoustic ear simulator

The ER-75 electro-acoustic ear simulator is the perfect solution for performing objective validation of audiometers and audiometric equipment, ensuring optimum performance when testing for hearing loss.

### Testing

Tests provide repeatable thresholds over the frequency range of 0.25kHz to 8kHz, thereby simulating the patient response and enabling the user to identify hearing loss issues. This ensures compliance at all hearing test frequencies used in an actual hearing assessment.

### Fast and efficient

Instrument validation can be completed in under 5 minutes, allowing users to identify if the audiometric facility (audiometer, booth, headset and all associated cables) are performing in an accurate manner.

Any changes to the measurements can then be identified by comparing with previous results and remedial actions can be taken to ensure test accuracy.

### Automatic

As the simulator is completely automatic, validations are carried out using standard and Audiocup configured audiometry headphones (connected to the audiometer), which are placed over the ER-75's built-in microphones.



### Portability

At only 1.10lbs, battery powered and with a lightweight and compact design, the ER-75 can be used for both static and mobile requirements.

### Key features

- Automatic audiometer validation in under 5 minutes
- Repeatable thresholds over 0.25-8kHz
- Battery powered
- Compact, lightweight and portable

Please note: The circumference of a headset must sit comfortably on the ER-75 to form a seal (the unit is not considered suitable for a Pelter headset).

Validation testing should be considered as an essential part of the test program and can be required should there be an audit of the medical services.

Visit [www.amplivox.com/audiometry/er-75](http://www.amplivox.com/audiometry/er-75) to learn more about the features and benefits of the ER-75  
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# ER-75

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Technical specifications

## Output data

Frequency range (Hz):	250Hz to 8000Hz
Threshold (1kHz):	75dBHL
Repetition:	3dB
Hold time:	330ms

## Physical data

Power (battery):	2 x 1.5V "AA" type batteries
Construction:	ABS plastic enclosure
Operating temperature:	0°C to 40°C
Dimensions (L x W x H):	6.2 x 4.3 x 4.5in
Weight:	1.10lbs

## Standard equipment

- Operating manual
- Interconnecting lead
- 2 x AA batteries



Please note: Image shows ER-75 with a standard audiometric headset.



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The Amplivox policy is one of continuous development and consequently the equipment may vary in detail from the description and specification in this publication.

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