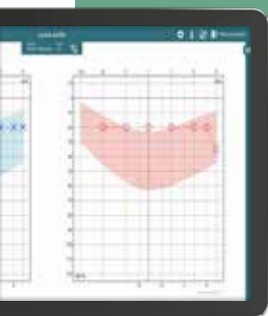


Science made smarter

Luna

Audiometry made
plug-and-play

USB headset
with built-in
audiometer




Interacoustics

Audiometry
~~~~~

Tympanometry

ABR

OAE

Hearing Aid Fitting

Balance



# Audiometry made plug-and-play

Groundbreaking audiometer built into a headset

Headset with built-in audiometer and plugged-in patient response button, connected to your Windows® tablet or laptop by USB - that is all you need for hearing screening.



## Portable, fast and reliable

All the qualities you need for hearing screening.



### Portable

The headset audiometer only weighs 500 grams including the patient response.




### Fast

Test at scale with automated tests and plug-and-play functionality.



### Reliable

Randomized frequency order for reliable results and no bulky equipment to manage.



Connect to your  
own Windows®  
tablet or laptop.  
Calibration  
values are stored  
in the headset.

# Simple and fast

Hearing screening is an essential service in ensuring early diagnosis and improved management of hearing loss. From the child at school who cannot hear their teacher to the safety of a factory employee. Luna is a groundbreaking audiometer built into a headset. This industry leading headset-only-design provides a portable solution for you to screen hearing in a fast and reliable way.

## Plug-and-play

Luna is delivered with three hearing tests in a user-friendly software suite. The calibration is stored in the headset, so as soon as you connect the headset to your laptop or Windows® tablet, you are ready to test your patients.

## Bring it with you on the road

The Luna headset and patient response have a combined weight of 0.5 kg, and are easily carried in the included carrying bag with a shoulder strap. Luna is therefore well-suited for hearing tests in home settings or to bring with you between test sites.

## Speed

You can exclude unneeded frequencies from your test protocol, which can help to save time. A random automatic test with the default seven frequencies only takes one minute to complete.

## Table view

With the table view, you can perform fast hearing screening at one intensity at a time with pass/refer results. This can help you achieve faster test times, and is available with the Automatic and Random Automatic tests.

## Ambient noise

With ambient noise, you can measure the amount of noise in the testing environment to ensure valid measurements. You can see the noise levels on screen in real time.

## Reliable testing

Luna is a type 4 audiometer in accordance with IEC60645-1. It presents the frequencies in a randomized order and ear, which can help to produce more reliable patient responses.

## Random automatic test

The random automatic test allows you to include or exclude any frequency, and it randomly switches between frequency and ear until the test is completed. Before saving the test results, you can re-test particular frequencies manually.

## Default settings

|                     |                                           |
|---------------------|-------------------------------------------|
| Off time            | 2 seconds                                 |
| Random off time     | 3 seconds                                 |
| Tone length         | 1.5 seconds                               |
| Response window     | 3 seconds                                 |
| Test frequencies    | 250, 500, 1000, 2000, 4000, 6000, 8000 Hz |
| Start frequency     | 1000 Hz                                   |
| Start test ear side | Right                                     |
| Step size           | 5 dB                                      |
| Signal              | Pure tone                                 |



# User-friendly software

## Simple data handling

All test results are automatically saved and can be sent to electronic health record (EHR) systems via XML, printed or saved as a PDF. You can design your own PDF report layout, including the ability to add your clinic's logo. For safety reasons, you can use a random patient ID instead of the personal social registration number.

## Language editor

When installing the Luna Suite software, the system automatically chooses the same language as your PC. You can easily change the language in the suite's interface.

## Multiple operators

You can add and delete operators in the Luna Suite software. Any non-default settings are saved for each operator, shortening time spent on preparing the software before testing. You also have the option to limit the list of patients so you only can see your own.

## A variety of overlays

You can choose between several overlays for data comparison and for counseling purposes:

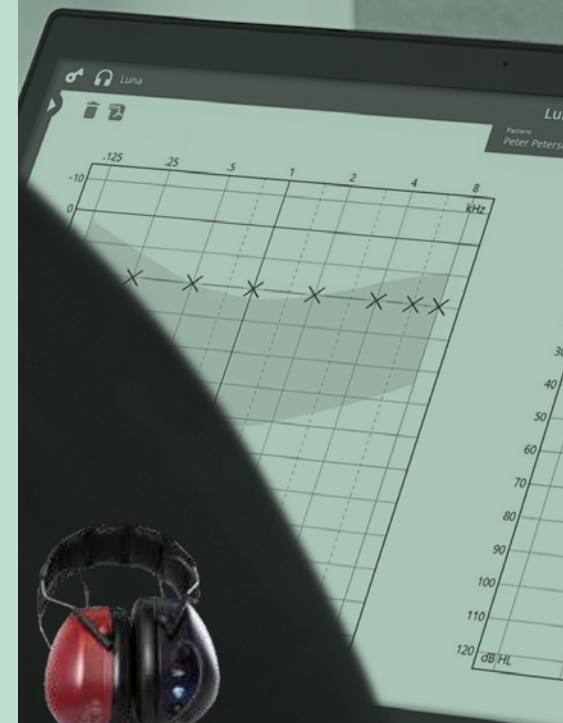
- Degree of hearing loss
- Speech banana with sound icons
- Toggle left/right audiogram
- Single or dual audiogram
- Previous session overlay

## Sound pressures and frequencies

| Hz   | Max dB HL |
|------|-----------|
| 125  | 75        |
| 250  | 90        |
| 500  | 100       |
| 750  | 100       |
| 1000 | 100       |
| 1500 | 105       |
| 2000 | 105       |
| 3000 | 105       |
| 4000 | 100       |
| 6000 | 90        |
| 8000 | 85        |

## Test options

|             |                                                        |
|-------------|--------------------------------------------------------|
| Tests       | Manual, automatic, automatic 20dB and Hughson Westlake |
| Stimuli     | Pure tone, warble and pulse                            |
| dB steps    | 1, 2 and 5 dB                                          |
| Calculation | PTA, CPT-AMA, PLH                                      |





# Science made smarter

## Interacoustics is more than state-of-the-art solutions

Our mission is clear. We want to lead the way in audiology and balance by translating complexity into clarity:

- Challenges made into clear solutions
- Knowledge made practical
- Invisible medical conditions made tangible and treatable

Our advanced technology and sophisticated solutions ease the lives of healthcare professionals.

We will continue to set the standard for an entire industry. Not for the sake of science. But for the sake of enabling professionals to provide excellent treatment for their millions of patients across the globe.

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explore our  
full product  
range

## Related products



**AS608**  
Screening audiometer



**AD226**  
Diagnostic audiometer



**Viot™**  
Video Otoscope

## Product specifications

All technical and hardware specifications concerning all products can be downloaded from our website.



  
**Interacoustics**