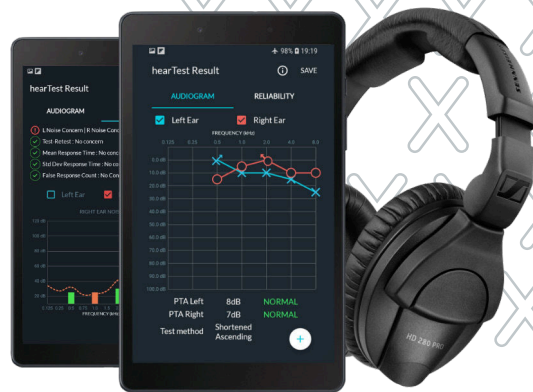# hearTest

WHAT IS HEARTEST?

A certified (IEC 60645-1) pure tone audiometer on a tablet. This cost-effective solution uses calibrated headphones and is offered with an extended high frequency (8-16 kHz) option. The user-friendly design allows automated or facilitated testing with real-time quality control and secure cloud-based data management.

USE HEARTEST FOR

CLINICAL SCREENINGS

An innovative mobile health application for clinically valid, time-efficient, air conduction pure tone audiometry.

EXTENDED HIGH FREQUENCY

EHF testing from 0.125-16 kHz using specialised audiometric headphones, for advanced monitoring of ototoxicity and noise induced hearing loss.
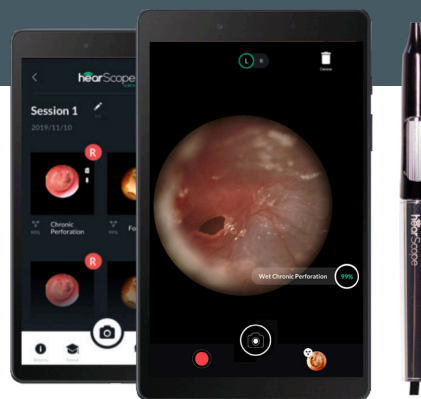
OCCUPATIONAL HEALTH

hearTest Occ Health is an extension of hearTest, making compliance easy, time-efficient and cost-effective.

DIGITAL AI OTOSCOPY (ADD-ON)

Use your hardware with the hearScope digital otoscope to capture images of the eardrum and ear canal with the option to enable the AI image classification feature for an instantaneous pathology classification.

Note: The AI feature is currently in Beta-testing and should only be used for research purposes.

AVAILABLE IN **ENGLISH, SPANISH & FRENCH***

hearTest can be provided in these languages on request.

MHEALTH STUDIO CLOUD

Use this secure cloud portal to enable remote support, patient counselling, assistance and reporting. All test data seamlessly integrates with the secure cloud-based data management system.

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BENEFITS & FEATURES

⊕ CLINICALLY VALID TESTS

Evidence-based solution, validated in peer-reviewed journals and calibrated to ISO/SANS standards.

❗ ENVIRONMENTAL NOISE WARNING

Real-time monitoring of noise to alert the user of environmental noise concerns.

🕐 TIME-EFFICIENT

Automated testing within minutes and pre-programmed test sequences for improved efficiency.

☁ DIGITAL DATA MANAGEMENT

Patient, test and facility data consolidated instantly on a secure online database, mHealth Studio Cloud.

📱 QUALITY CONTROL

Smart features to ensure on-site quality control and test reliability.

〰 CONDITIONING

Conditioning functionality to facilitate testing process.

ⅲ EXTENDED HIGH FREQUENCY TESTING*

Determining threshold shift in the high frequency range.
*Available at an additional cost.

🎧 OCCUPATIONAL HEALTH AND MONITORING

Country compliant occupational testing. Automated PLH tracking, HSE categorisation and shift calculations (with aging considerations).

🔧 EASY-TO-USE, ADJUSTABLE PROTOCOLS

Best practice pure tone audiometry protocols to varied contexts. Ability to set customisable protocols to fit specific needs.

AS FEATURED IN   TED   fin24   NEWS 1st   BBC

TECHNICAL SPECIFICATIONS

HD 280 PRO

Pure tone test frequencies | 0.125 to 8 kHz
Rise/fall time | ~35 ms
Total harmonic distortion | <2%
Test intensity levels | 10 to 90 dB HL
*With DAC From -10 to 100 dB HL

RadioEar DD450 with DAC

Pure tone test frequencies | 0.125 to 16 kHz
Total harmonic distortion | <2%
Test levels | -10 to 95 dB HL*

*Intensities may change due to headphone selection and with addition of DAC.

FDA Compliant | CE Certified | TGA Certified | ISO 13485 Certified | SAHPRA Registered | HIPAA Self-declared | POPIA Self-declared

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