

aScreen

Tiny OAE Device



- Smallest in the world, yet powerful
- Fast and accurate OAE acquisition
- Results printed on portable or laser printer
- Easy customizable test templates
- Android compatible



Neurosoft

HEARING
SCREENING

TEOAE
DPOAE



SMALLEST IN THE WORLD, YET POWERFUL

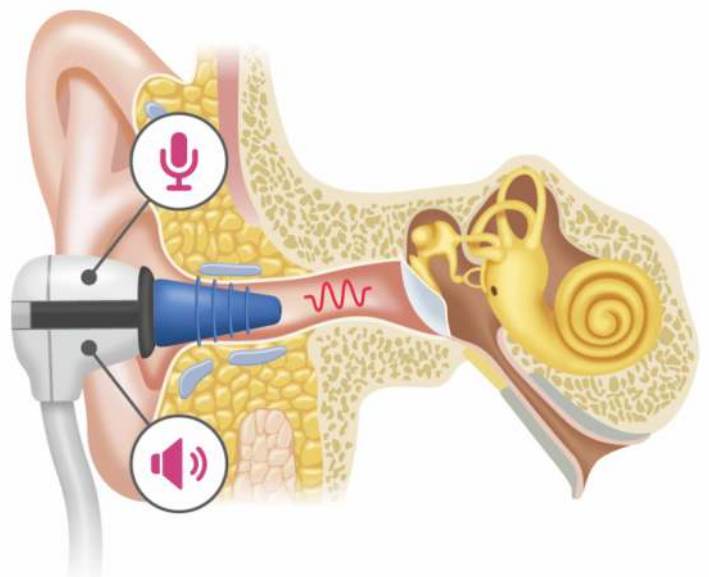
This tiny OAE unit looks like a probe connected to Android-based device.

It's a pleasure to use the device as it takes no space, provides reliable results and is easily connected. That is why it integrates seamlessly into your workflow.

aScreen unites the capabilities of superior noise rejection and accurate calibration to maximize the quality of the test. The result is a high-end performance that helps complete everyday OAE screening tasks faster and efficiently than ever.

FAST AND ACCURATE OAE ACQUISITION

It can run TEOAE and DPOAE tests in a few seconds. Intuitive touch controls are quick to master and easy to use.



RESULTS PRINTED ON PORTABLE OR LASER PRINTER

The results can be printed on the wireless portable printer, any Wi-Fi printer compatible with Android device or any printer via Google Cloud Print.

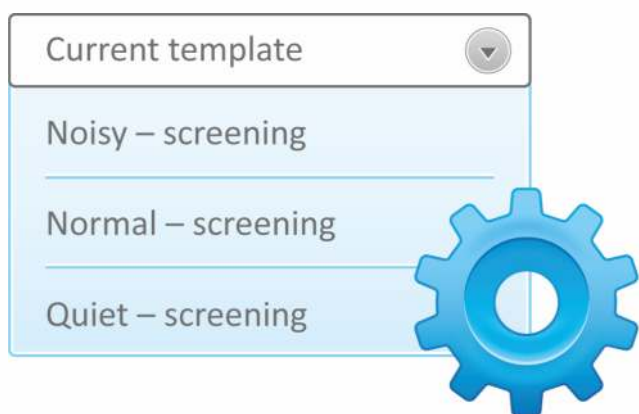
DATA EXPORT

The data can be downloaded from the device to computer with installed Neuro-Audio-Screen Manager software via Bluetooth. The program is supplied free with the device.

The data can be downloaded using USB interface.

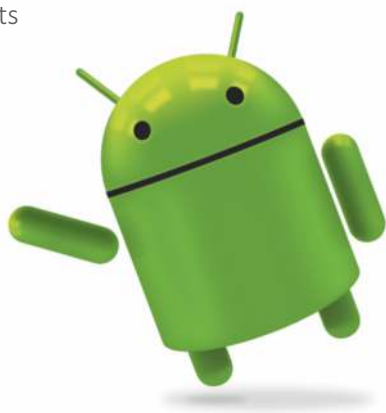
EASY CUSTOMIZABLE TEST TEMPLATES

aScreen comes with a set of predefined templates that suit the most common recording conditions. Use them or create your own to get best results any time. Set noise level, intensity, SNR pass criteria, number of frequencies for pass and other parameters.



ANDROID COMPATIBLE

aScreen is a next generation of OAE hearing screening devices. It works with many Android-based smartphones and tablets with USB On-The-Go feature. All you need is to choose a device with the screen size and battery capacity you are comfortable with.



HEARING SCREENING

The hearing loss is diagnosed in three of every thousand babies born.

The congenital hearing loss or deafness can be diagnosed in newborns with no known risk factors for it. For these reasons, in all developed countries universal hearing screening programs are launched and screening is performed in maternity hospitals and maternity wards of medical facilities. The hearing screening study is done using OAE technique.

Early identification of babies with hearing loss allows performing right treatment and timely intervention. The earlier the corrective measures are taken, the easier are the language acquisition and development of health speech.

In addition, the majority of children suffer from middle ear infections that are the most common for infants and toddlers. In most cases otitis media can cause transient or fluctuating hearing loss. But persistent infection or persistent fluids in the middle ear may result in permanent hearing loss. It is recommended that a child's hearing should be checked repeatedly during each of the first years of life because hearing is central to a child's language development and communication.

NEUROSOFT AUDIOLOGY PRODUCT LINE

Neuro-Audio



Audio-SMART



aScreen



APPLICATION

Clinical ABR&OAE analyzer

Diagnostic/screening ABR&OAE and middle ear analyzer (impedance audiometer)

OAE screening

TESTS

ABR, MLR, LLR, ECoChG, VEMP, ASSR, P300, MMN, PTA, TEOAE, DPOAE, SOAE

Tympanometry, AR, AR decay, ETF, TEOAE, DPOAE, AABR, ABR

TEOAE, DPOAE

HARDWARE

PC-based

Portable standalone

Portable smartphone-based

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