

Oscilla A50

PC-based diagnostic audiometer



Turn you PC into an audiometer and focus on your patient



Conduct hearing tests and manage patient data comfortably in front of your PC screen. With the Oscilla USB audiometer, you get an integrated solution that lets you dedicate more time to your patients.

Ultra portable and light weight – bring the test to the patient

The audiometer is powered via USB. Just connect it to your PC and launch AudioConsole. You are now ready to work. No long loading time - just simple plug & play. The audiometer is delivered with a handy carrying bag and you can easily take it with you and use it in any location with your laptop.

Optimise your workflow

Oscilla AudioConsole provides you with a user-friendly interface for audiometry and data management. Watch audiograms update in realtime on your screen, show the results to your patient, save them in the database, generate customised PDF reports or export the results to your patient management system.



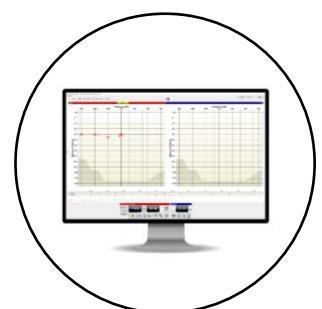
Plug & play via USB



Lightning button feedback



Noise cancellation Headset



AudioConsole Software



Oscilla A50

PC-based diagnostic audiometer



Specifications

Standard package

- A50 Main unit with lighting response button
- Integrated Oscilla H210A headset
- AudioConsole software
- Bone conductor (BC-2 / B71)
- Carrying bag

Pure tone tests

- Manual test operated with mouse or keyboard
- 20 dB auto test
- 20 dB random auto test
- xx dB auto test
- xx dB random auto test
- Hughson Westlake test
- Ear protection test
- Sisi test
- Weber Test

User groups

- Intended use
Diagnostic audiometric testing.

- Intended Users
Audiologists, ENTs and other healthcare professionals in testing the hearing of their patients.

- Intended Patient Population
All patient groups from 5 years through adulthood, provided that the patient is able to respond to the signals.

Supported operating systems

- Microsoft Windows 10
- Microsoft Windows 11



Audiometry

Frequency range (air)

125 Hz, 250 Hz, 500 Hz, 750 Hz, 1000 Hz, 1500 Hz, 2000 Hz, 3000 Hz, 4000 Hz, 6000 Hz, 8000 Hz

Sound pressure (air)

Level range (air): - 10 dB to 110 dB
Level range (bone): - 10 dB to 70 dB
Level steps: 1, 2 or 5 dB steps

Signals

Steady, pulse and warble

Masking

Narrow Band masking

General

Connection & Power supply

USB 2.0

Physical characteristics

Dimensions

150 mm x 140 mm x 110 mm (5.9" x 5.5" x 4.3")

Weight

Approx. 500 g (1.10 lbs.)

Standards

Electrical safety

IEC 60601-1:2005/A1:2012 (Edition 3.1)
Class II, Type B applied parts, IPX0

EMC

IEC 60601-1-2:2014 (Edition 4.0), Class B

Performance

IEC 60645-1:2017 Type 3

Regulation

EU MDR 2017/745 Class IIa

