



A new audiometry concept for
Occupational Medicine, Primary Health
Care and Educational Centers



 236 x 197 x 77 mm.

 600 g.



Portable



2 models
A-AOM



Manual and automatic
audiometry



Data export
via Ethernet



W50 Software



USB



Ethernet

www.sibelmed.com

AUDIOMETER **SIBEL SOUND** **DUO**

SIBELSOUND DUO · portable audiometer

SIBELSOUND DUO is a 2-channel audiometer that has been developed by the R&D&i department at SIBELMED, in compliance with the European Directive on Medical Devices and the highest quality standards.

The portable and lightweight features of the **SIBELSOUND DUO** makes the device ideal for performing audiometries in any setting.

A Model

Air conduction

AOM model

Air conduction
Bone conduction
Masking



Touchscreen
Color



Portable
Transport bag included



Ergonomic
Designed for maximum convenience



Power Supply
Mains or alkaline/
rechargeable batteries



Connectivity
USB and Ethernet



Automatic audiometry
Hughson-Westlake



Database
1,000 test and
unlimited patients



Data export
Directly from the device via
Ethernet (PDF, XML and CSV)



27/06/2019 11:15 PATIENT DATA

Auto ☐

ID: AB0123456789Y AGE: 49

NAME: JOSÉ SEX: ♂

SURNAME: DIAZ

Buttons: [X] [Print] [Trash] [Check]

MANUAL ENTRY OF NEW PATIENTS

27/06/2019 11:15 ID:AB0123456789Y

Warble L

55dB_{HL} 750Hz

Buttons: [AM] [Speaker] [Headphones] [Save] [Print]

ILLUMINATED PATIENT RESPONSE BUTTON

27/06/2019 11:15 ID:AB0123456789Y

	500	750	1000	1500	2000	3000	4000
RA (M)	5 (20)	5 (20)	10 (25)	15 (30)	35 (50)	30 (45)	15 (30)
LA	0 (15)	5 (20)	0 (15)	5 (20)	0 (15)	0 (15)	5 (20)
RO	(---)	(---)	(---)	(---)	(---)	(---)	(---)
LO	(---)	(---)	(---)	(---)	(---)	(---)	(---)

Buttons: [Back] [Masking] [Patient] [Save]

TEST RESULTS

27/06/2019 11:15 ID:AB0123456789Y

ID	Name	Date-Time	Exp
42386594N	PÉREZ CAPEDEVILA, ...	27/06/19 - 09:59	-
27456381K	DEL HORNO GARCÍ...	22/06/19 - 11:03	-
53762198A	MORENO, FRANCIS...	22/06/19 - 12:31	-
52859365Q	DÍAZ, JOSÉ	20/06/19 - 15:25	-
85472843J	ORTIZ, MANUEL	15/06/19 - 09:03	-
27456381K	DEL HORNO GARCÍ...	17/06/19 - 09:45	-
42386594N	PÉREZ CAPEDEVILA, ...	14/06/19 - 10:41	-

Buttons: [Add] [Search] [Print] [Export] [Trash] [Check]

DATABASE

27/06/2019 11:15 ID:AB0123456789Y

40 dB_{HL} 1000 Hz

Buttons: [Auto HW] [Speaker] [Headphones] [Save] [Print]

AUTOMATIC HUGHSON-WESTLAKE AUDIOMETRY

27/06/2019 11:15 EXPORT CONFIG.

☒ Auto Export

☒ XML Path: Red\Registros\Audiometria\Pruebas

☒ PDF Path: Red\Registros\Audiometria\Pruebas

☒ CSV Path: Red\Registros\Audiometria\Pruebas

Buttons: [X] [Print] [Check]

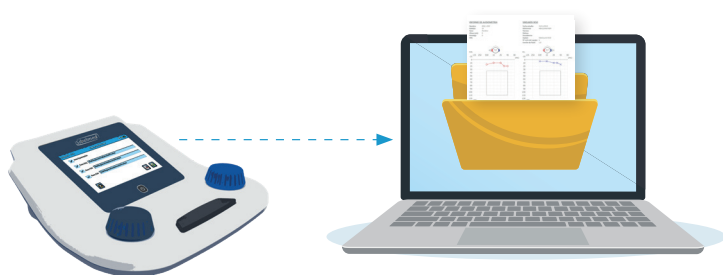
DATA EXPORT

SIBELSOUND DUO • portable audiometer

Data export

The audiometer has 2 options for exporting test files directly via Ethernet in standard formats (PDF, XML and CSV):

- Directly [from the audiometer](#). The files are exported through the Ethernet connection from the device to a target folder, without the need for software.
- Using the [W50 software](#). Through the USB connection between the device and the computer.



Automatic Hughson-Westlake audiometry

SIBELSOUND DUO can be used to carry out audiometry tests in automatic mode, which requires minimum intervention of the technician.

This mode guarantees that the test is conducted correctly, as it follows the automatic Hughson-Westlake audiometry protocol.



W50 Software

FREE updates

SIBELSOUND DUO can be connected to the audiometer's **W50** software via USB, which allows the user to view, store, transfer and analyze audiometry tests.

- Perform audiometries in real time.
- Import the tests performed with the audiometer.
- View audiometry tests.
- Audiometry chart with test results.
- Compare tests conducted on the same patient.
- Consult the diagnosis.
- Customized reports.
- Print reports.
- Download tests in PDF and XML.
- Management of different databases.
- Upgrades of the **SIBELSOUND DUO** firmware.
- Compatible with all Sibelmed audiometers.
- Valid for Windows 7, 8.1, 10 and 11.



SIBELSOUND DUO · portable audiometer

Technical Specifications

	A Model Code 09132	AOM model Code 09133
Audiometer type, as specified in EN 60645-1	Type 4 (Screening)	Type 3 (Basic diagnosis)
Pure tone threshold audiometry by air conduction	Yes	Yes
Pure tone threshold audiometry by bone conduction	--	Yes
Masking	--	Narrow Band Noise

Channels	2	
Tone	Pure and Warble (FM) Continuous and Pulsating	
Inverted tone	Yes	
Noise increase (dB)	5	
Air conduction frequencies (Hz)	125 - 250 - 500 - 750 - 1000 - 1500 - 2000 - 3000 - 4000 - 6000 - 8000	
Bone conduction frequencies (Hz)	--	250 - 500 - 750 1000 - 1500 - 2000 3000 - 4000 - 6000
Intermediate frequencies (Hz)	125 - 750 - 1500	
Air conduction levels (dB HL)	Max. 100 / Min. -10	
Bone conduction levels (dB HL)	--	Max. 65 / Min. -10
Masking (dB HL)	--	Max. 100 / Min. -10
Intercom	Yes	
Calculation of hearing loss	Yes	
Diagnoses	Council, M.T.A.S., ELI, SAL, Klockhoff	

Measurements	236 x 197 x 77 mm.
Weight	600 g.
Screen	Color touchscreen 95 x 54 (mm.) · 480 x 272 (pix.)
Internal database	> 1,000 tests Unlimited patients
Connectivity	USB --> PC connection for software Ethernet --> Connection for data export
Power Supply	External power supply (Input: 100-240 Vac, Output: 12 Vdc) 4 AA 1.5V batteries · 4 Ni-MH rechargeable batteries

Standard

- User Manual
- 03658 USB connection cable for PC
- 03024 W50 software
- 01807 Patient response button
- 09460 Set of DD45 headphones
- 02258 Set of headphones, bone conduction B71W (AOM Model)
- 08010 Carry case
- 09459 External power supply

Optional

- 09134 Automatic audiometry
- 09505 Data export via Ethernet
(07886 cable included)
- 02303 W50 Software License
- 03078 Sound suppressors for air conduction (Audiocups)



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Product compliant with:
Regulation (EU) 2017/745

CE0318 EN ISO 13485:2016



EN ISO 9001:2015
EN ISO 14001:2015

