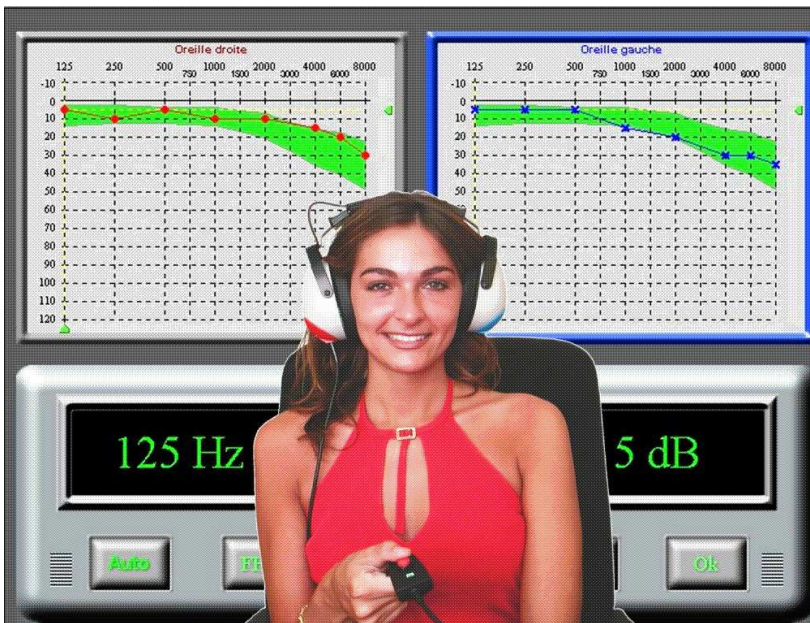


Audiometry



digital Audiolyser ADL-10

Digital audiometer

Class 4 tonal Audiometer

Headset connected to P.C.

Audiowin software and data base

Manual and automatic audiometer

Use

The *Audiolyser ADL-10* is a computerized, digital audiometer.

The extremely miniaturized audiometric circuit is located in the headset which emits the desired pure sounds.

A simple digital lead links the headset to the computer serial port.

No additional board, nor special features are required.

Supplied with the accessories, the *Audiowin* software transmits emission orders to the headset. It displays and calculates the obtained results in real time, which are memorized in the data base.

Whatever the chosen mode (manual or automatic), the operation is performed using the keyboard or the computer mouse.

The *Audiolyser* is an instrument of exceptional professional quality. It is compact, easy to use and entirely computerized.

Ergonomy

Perfectly adapted to the ear, the headset can be adjusted according to head size.

The patient response button is equipped with a silent red button and a green warning light integrated into the *Audiolyser's* sole lead.

This lead directly links the headset to the P.C., without requiring a heavy and cumbersome audiometric box.

The rubber earpads ensure the headset is comfortable, while exercising sufficient pressure around the ear.



Technique

The circuit is located in the right earpiece. The rechargeable battery, on the other side, enables the *Audiolyser* to function autonomously.

A small adaptor connected to the end of the lead recharges this battery or enables use of the device continually plugged into the mains.

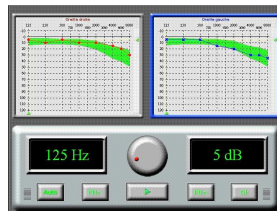
Calibration is carried out with an artificial ear conforming to the ISO (CEI318 type BK 4153) norm.

Audiowin, installed with Windows 95, 98, NT, 2000 or Vista operating system drives the headset.

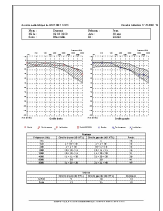
It displays the audiograms as well as the auditive threshold limits, calculated according to the age of the patient.

The data base stores the obtained results with a view to redisplaying or export to another data base.

Parametering of the software enables personalized audiometry, as well in manual mode, as in automatic.



Frequency (Hz)	Index (dB HL)	Index (dB HL)	Index (dB HL)
125	10	5	14
250	10	5	13
500	10	5	13
750	10	5	13
1000	10	5	13
1500	10	5	13
2000	10	5	13
3000	10	5	13
4000	10	5	13
6000	10	5	13
8000	10	5	13



Features

Name	<i>Audiolyser ADL-10</i>
Class	Class 1V Audiometer
Calibration norm	ISO 389-1 June 2000
Product norm	EN 60645-1 November 1994
Threshold norm limits	NF EN ISO 7029
Conformity	CE 0398
Headset weight with lead	830 g
Harmonic distortion	< 3%
Frequencies precision	+/- 3%
Headset attenuation	10 to 40 db according to frequency
Lead length	3 metres
Mains adaptor	100-240 VAC output 12 v – 10 W
Battery	1 NiCd 8,4v 150mAh type rechargeable battery
Sound transmission	Continuous, pulsed, reverse
Modes of use	Manual, automatic
Intensities	Steps of 1 db, 5 db, 10 db

Standard Accessories

Audiolyser headset
Mains adaptor
Audiowin Software
Instruction notice

Optional accessories

P.C.
Printer

Limit of intensities											
Hz Frequencies	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Intensities dB HL	80	90	100	110	110	110	110	110	105	90	90
Mini -10 dB											

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