

Oscilla® USB-300I
Screening audiometer

or

Oscilla® USB-300IB
Diagnostic audiometer



NOAH compatible

EarTone or TDH?
- your choice

Technical description for Oscilla® USB-300I and USB-300IB

Frequencies:

11 frequencies: from 125 to 8000 Hz

Sound pressure:

From -10 dB to 110 dB in steps of 5 dB

Maximum intensities:

Frequency Hz:	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Air dB:	70	90	110	110	110	110	110	110	110	100	90
Bone Conduction dB:	30	40	60	60	70	70	70	70	60	50	0
EarTone dB:	70	90	100	110	110	110	110	110	110	100	90
Masking dB:	60	80	100	100	100	100	100	100	100	90	80

Program:

Manual or automatic test • Pulse Tone • Option of having 1, 2 or 4 audiograms shown at one time
 All data are stored on your PC • Tone middle value is calculated (500 – 1000 & 2000 Hz), or you may set up your own calculation 100% individually.
 Integration with most known databases • A range of useful setup features.

Set Up functions:

Entering set-up you may adapt the performance of the USB audiometer to your individual need, and the software will remember your settings until you decide to make more changes or revert to default. The option of calculations has full flexibility making your USB audiometer suitable for any use you may think of within audiology.

Special features:

Cursor control • Individual settings of your operation keys •
 Option of using operating-pen for touch-screen

For Oscilla® USB-300I Screening

For Oscilla® USB-300IB Diagnostic

Option of selecting/deselecting frequencies	Option of selecting/deselecting frequencies
Tone length: 0,5 – 2,5 seconds (selectable)	Tone length: 0,5 – 2,5 seconds (selectable)
Manual test: Selectable start-level - frequency	Manual test: Selectable start-level - frequency
Manual test: Selectable start-level for tone	Manual test: Selectable start-level for tone
Automatic test: Selectable start-level for tone	Automatic test: Selectable start-level for tone
Automatic test: Selectable stop-level for tone	Automatic test: Selectable stop-level for tone
Auto. test: Selectable random response-time (2-6 sec.)	Auto. test: Selectable random response-time (2-6 sec.)
Automatic 20 dB test	Automatic 20 dB test
Automatic 20 dB random test	Automatic 20 dB random test
Automatic Hughson Westlake test	Automatic Hughson Westlake test
	Bone Conduction
	Narrow Band Masking

Printer:

Option of printing from PC.

Power supply:

Via USB-Port in PC.

Dimensions:

150 x 140 x 110 mm.

Weight with TDH-39:

1.100g

Weight with EarTone 5A 100hm:

850g

The USB audiometer consist of:

AudioConsole, Audiometer, TDH-39 earphone with Peltor noise reducing headset
 or EarTone 5A 100hm

Standard accessories to Oscilla® USB-300I Screening:

Carrying Bag

Standard accessories to Oscilla® USB-300IB Diagnostic:

Bone Conductor B-71 and Carrying Bag



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