

SPECIAL FEATURES

Two Channels
 Pure and Warble tone.
 Processor controlled calibration
 Storage capacity: 24 audiograms.
 Connections for Bone, Insert and Free Field
 Built-in Talk Through and talk back monitor.
 Automatic SISI, threshold and screening tests
 Noise free attenuators in 5 dB or 1 dB steps.
 Calibrated speech audiometry by live voice or tape/CD
 Three types of masking noise including Narrow Band.

Built-in Inputs:

Pure and Warble Tone Generator with 11 frequencies from 125 Hz to 8000 Hz.
 Masking: Narrow Band, Speech Noise and White noise.
 Microphone.

All inputs are available from both channels.

Noise free attenuators:

Range from: -10 to 120 dB in steps of 5 or 1 dB.
 Soundpressure may be changed without interruption of the sound.
 By means of the 'LOCK' button, channel 2's attenuator may be locked to Channel 1, and consequently, the soundpressures are adjusted for both channels simultaneously.
 Channel 2 may still be operated separately.

External Inputs:

Tape or CD.

Outputs:

Air and Bone available from both channels.
 Free Field on channel 1.
 Insert on channel 2.

Interface:

Computer interface: RS232C
 Printer interface: Parallel port.

Memory:

A total of 24 audiograms.

Distortion:

Less than 0.5 %.

Intensity Range Air:

Pure Tone											
Frequency Hz	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Air conduction dB	80	100	120	120	120	120	120	120	120	110	100
Narrow Band											
Frequency Hz	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Air conduction dB	70	90	110	110	110	110	110	110	110	100	90

Speech Noise : -10 to 115 dB
 White Noise : -10 to 110 dB
 Mic. / Tape : -10 to 100 dB
 Accuracy : Frequency: Better than 1 %.
 : Acoustical: within +/- 3 dB of indication.
 Hearing Level : Net adaptor: 1 x 20 V.
 Power Supply : Less than 20 VA
 Power Consumption : Length: 389 mm. Width: 180 mm.
 Dimensions : Height: front: 25 mm, back: 55 mm.
 Weight : Approx. 1,5 kilo. Unit only.

Intensity Range Bone:

Pure Tone											
Frequency Hz	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Air conduction dB	30	40	70	70	70	70	70	70	70	50	0
Narrow Band											
Frequency Hz	125	250	500	750	1000	1500	2000	3000	4000	6000	8000
Bone conduction dB	20	30	60	60	60	60	60	60	60	40	0

Speech Noise : -10 to 70 dB
 White Noise : -10 to 70 dB
 Intensity range insert : Same as for air.
 Intensity Range Free-Field : Pure Tone, Masking and Tape/Mic.: -10 to 90 dB
 Interrupters : Channel 1: Manual, Toggle, Pulse and Ch.1 + Ch.2. Channel 2: Manual, Toggle, ABLB and SISI.

ABL: Automatic presentation of four tones alternately to each ear of 0.3 seconds duration and 0.6 seconds pause, pre-set. Or you may choose individually in SET-UP the length of tone and duration of pauses. Range from 0,1 sec. to 1,0 sec.

SISI: *Automatic SISI:* In steps of 1 dB with a pre-set tone length of 5 seconds. The total amount of answers will flash in display by termination of each test.
Manual SISI: By means of the interrupter you may perform a manual SISI, having the option of deciding the tone length manually.

VU Meter: Speech/Tape Calibration Level.

Communications: Built-in talk-through & talk-back amplifiers with individually adjustable monitoring. The monitoring signal is mixed with the talk-back signal. Microphone: type electret. Monitor headsets may be mono or stereo. Visible patient response (LED indicator). LCD VU Meter provides visual indication of sensitivity adjustment of Microphone/Tape/CD input signals.

Standard Accessories: TDH-39 earphones mounted with SILENTA Noise excluding Headsets, Bone Conductor Radioear B-71, double patient signal button: LEFT marked with blue - RIGHT marked with red, net adaptor.

Extra Accessories: Software, serial cable, printer cable. Insert Phone (type EARTone).

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