digital
Diagnostic Center

flexible

USB

mobile

# AUDIOMETER

GDT

**PRO AUDIO**
PC-Audiometer




MESA

**PRO AUDIO**

PC-Audiometer as types 800M and 820M for audiometry

- Air conduction (AC) audiometry, Hughson Westlake test, SISI test, Narrow Band Masking and optional Bone Conduction (BC)



**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 |
| Masking dB: | 60 | 80 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 90 | 80 |



**Program:**

- Manual or automatic test • Pulse Tone • Range of useful setup features
- All data are stored on your PC • Option of having 1, 2 or 3 audiograms shown at one time • Tone middle value is calculated (500 – 1000 & 2000 Hz), or you may set up your own calculation 100% individually • Treble middle values are calculated (3000 – 4000 & 6000 Hz)

**Setup functions:**

- Entering set-up you may adapt the performance of the USB audiometer to your individual needs, 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 audiometry. The audiometers are in conformity to the EN-60645-1 directives

**Special features:**

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

| **Type Pro Audio** | | **800M (AC)** | **820M (AC + BC)** | |
|---|---|---|---|---|
| Option of selecting/deselecting frequencies | | ✓ | ✓ | |
| Tone length: 0,5 – 2,5 seconds (selectable) | | ✓ | ✓ | |
| Manual test: Selectable start-level – frequency and tone | | ✓ | ✓ | |
| Automatic test: Selectable start- / stop-level for tone | | ✓ | ✓ | |
| Automatic test: Selectable random response-time (2 – 6 sec.) | | ✓ | ✓ | |
| Automatic 20 dB test | | ✓ | ✓ | |
| Automatic 20 dB random test | | ✓ | ✓ | |
| Aut. Hughson Westlake test, SISI test, Narrow Band Masking | | ✓ | ✓ | |
| Bone Conduction (BC) | | | ✓ | |
| Simulation: Constant tone or pulse tone | | ✓ | ✓ | |

**digital audio quality** **Dimensions incl. accessories: 300 x 300 x 100 mm** **Weight: app. 1,5 kg**

PC requirements

| | | | |
|---|---|---|---|
| ▪ Operating system | WINDOWS ™ 11 | | |
| • CPU | Intel Core I / Ultra | ▪ HDD | min. 500 GB |
| • RAM | 4 GB, recommended 8 GB | ▪ Interface | USB-Port |

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Our products are up from development to manufacturing subject to a certified Quality Management System in accordance to the EN ISO 13485:2016 directives. All products are CE marked.

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