

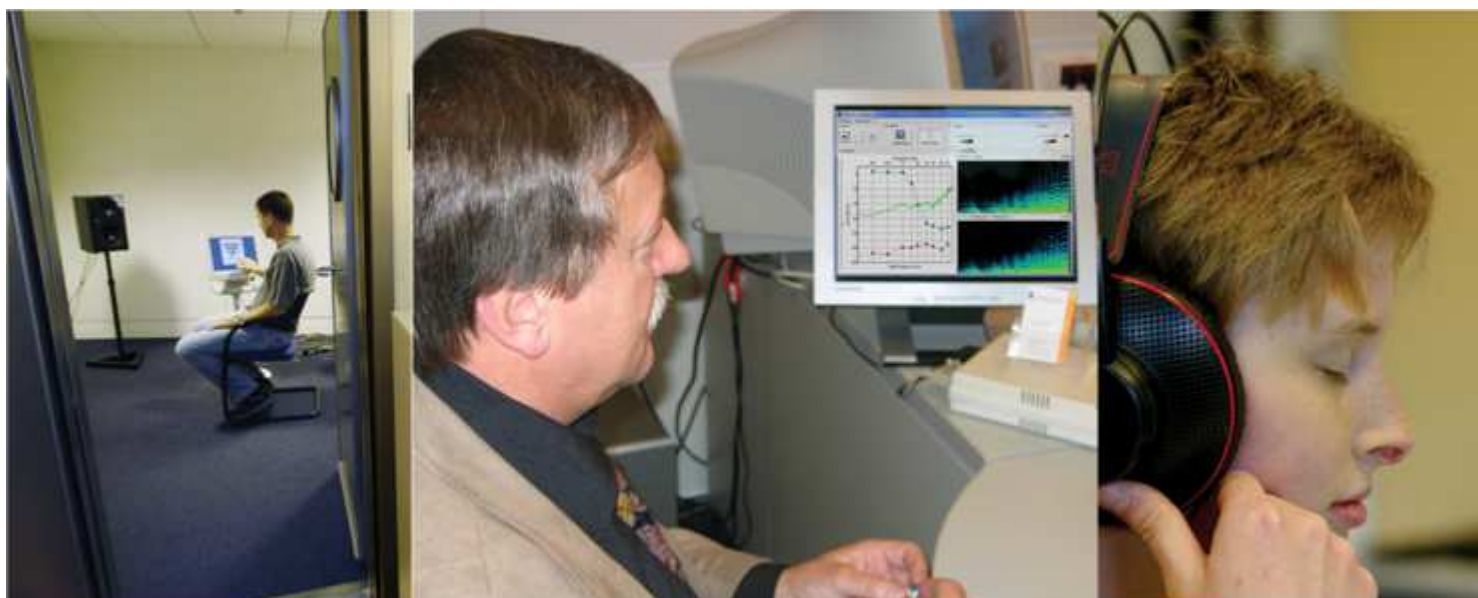
Price list Tools



for Research & Development

All prior price lists are no longer valid after this price list was issued.
For information about the currently valid price list contact HörTech gGmbH.

All prices in € (EUR) net without taxes, shipping etc.



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Oldenburg Measurement Applications for research and development

HörTech gGmbH offers a software that implements and provides audiologic measurement procedures under the name of „Oldenburg Measurement Applications“. Application and usage of this Software is at own risk only and only allowed for research, development and educational purposes (the software is **not** approved as a medical device according to the applying regulations like 93/42/EEC, German MPG or others).

Note for modules/licenses and scope of delivery:

In order to use the „Oldenburg Measurement Applications“ on a particular PC (single license model), first of all a basic license is required. For each measurement procedure, an additional measurement license has to be purchased. Each license (basic license, measurement license) is bound to a particular hardware copy protection device („dongle“). This dongle approves ownership and validity of the respective license, and a loss of the dongle means a loss of the license.

As far as not stated differently, delivery includes:

Software on data medium or by download, „dongle“ (configuration for USB), license file.

Note: HörTech reserves the right to carry out license changes (change of license, change of dongle) only if all related dongles (copy protection devices) are exchanged.

Note: Each license is bound to a particular „dongle“. Replacement of dongles is possible only if the original dongle is returned. Material costs will be charged. In case of loss, no replacement is possible.

License type	Description	Price apiece
B	Basic license	650,00 €
M	Measurement license Available for: Göttingen sentence test; Oldenburg sentence test ; Oldenburg children's sentence test; Basel sentence test; Rhyme test WAKO; Oldenburg children's rhyme test; Categorical loudness scaling (ACALOS); English (US) Matrix Test; English (UK) Matrix Test; Finnish Matrix Test; French Matrix Test; French Simplified Matrix Test; French FIST; Hebrew Matrix Test; Italian Matrix Test; Italian Simplified Matrix Test; Norwegian Matrix Test; Polish Matrix Test; Polish HINT; Russian Matrix Test; Russian Simplified Matrix Test; Spanish Matrix Test; Swedish Matrix Test (Hagerman Test); Swedish HINT; Turkish Matrix Test	850,00 €
M2	Measurement license for the 2 nd Matrix Test	637,50 €
M3	Measurement license from the 3 rd Matrix Test	425,00 €
Ma	Measurement license for: „British BKB Test“	950,00 €
Mb	Measurement license for: „Freiburg number and word test“	250,00 €

Note for measurement procedures:

Depending on their availability, more measurement procedures may be purchased which are not included in the above list. Information about this is given by HörTech.

Note for Upgrades:

A license upgrade means a change of software (software update) including the licenses to a higher version (major and/or minor version, e.g. from 1.3 to 2.0 or from 2.0 to 2.1. The licenses are bound to the software version. A license valid for software version 2.0 is thus not valid for version 2.1.

For each license upgrade, 30% of the current purchase price of all upgraded licenses are charged.

Oldenburg speech tests on audio CD for research and development

HörTech gGmbH provides all speech tests developed in Oldenburg or in cooperation with Oldenburg also on audio CD. Even more speech tests may be available depending on respective agreements with third parties.

Each audio CD represents one single license for the respective speech test and allows for any research using the audio material.

Note: The audio materials are subject to national and international copyright and other laws and must not be copied and distributed.

If not stated differently, the scope of delivery is:

At least 1 audio CD with speech material and interfering noise (depending on the speech test), 1 audio CD with 1 hour of continuous interfering noise, CD-ROM with a description and a list of audio tracks with the positions of each sentence.

Order no.	Description	Price apiece
FUE160154	English (US) Matrix Test	299,00 €
FUE160155	Finnish Matrix Test	299,00 €
FUE160156	French Matrix Test	299,00 €
FUE160157	Hebrew Matrix Test	299,00 €
FUE160158	Italian Matrix Test	299,00 €
FUE160163	Oldenburg Sentence Test (female speaker - new)	299,00 €
FUE160164	Oldenburg Sentence T (original, male speaker)	299,00 €
FUE160159	Polish Matrix Test	299,00 €
FUE160160	Russian Matrix Test	299,00 €
FUE160161	Spanish Matrix Test	299,00 €
FUE160162	Turkish Matrix Test	299,00 €
FUE160152	Other speech tests depending on availability.	299,00 €

SoundMexPro

The professional tool for audio playback and recording with Matlab® (Matlab® Version 5.3 and higher, Windows™ 9x and higher). Supports ASIO interface synchronous and asynchronous output and recording, unlimited number of (stereo) sound devices unlimited number of virtual audio tracks (virtual sound studio), exact synchronization (per sample) of stereo devices, real-time signal processing during asynchronous output, real-time visualization. VST-plugins. Includes binary library files (DLL's), documentation and examples. Documentation and examples provided in English.

For a detailed description of the different types and features see the documentation of SoundMexPro. The software (including documentation) is available as download (at www.soundmexpro.de in the download area). The license type Basic is a personal, non-transferable license (personal data required). The software includes a hardware copy protection (dongle). Changes may apply.

License name	Description	Price apiece		
		≥ 1 piece	≥ 5 pieces	≥ 10 pieces
Demo	Demo/Trial version. Full functionality (same as VST+) with frequent interruptions and an interfering audio signal added to any output/recording.	-	-	-
Standard	Multi channel ASIO audio playback and recording with Matlab® and unlimited number of virtual audio tracks.	€ 400,00	€ 375,00	€ 350,00
DSP	Same as "Standard", additionally - MATLAB® script-based interface for realtime DSP - direct access to record data while recording	€ 600,00	€ 565,00	€ 530,00
VST	Same as "DSP", additionally: - Loading of standard VST plugins	€ 800,00	€ 755,00	€ 710,00
VST+	Same as "VST", additionally: - Loading special VST plugins shipped with SoundMexPro	€ 900,00	€ 850,00	€ 800,00

Note for Upgrades:

For each license upgrade of SoundMexPro 1 to SoundMexPro 2, 30% of the current purchase price of each upgraded license is charged.

Hearing loss and hearing aid simulator

The HörTech Hearing Impairment Simulator allows for demonstrating hearing impressions of people with hearing deficiencies. Using multi-channel dynamic compression and spectral blur, any incoming audio signal can be processed in real time in such a way that the outgoing signal provides normal hearing people with the impression of a hearing loss. The incoming signal is read from an audio file. The Hearing Impairment Simulator accepts any audiogram with pure tone thresholds and uncomfortable loudness levels as parameters. The hearing loss simulation can be switched on and off during runtime.

In addition to simulating a hearing loss, it is possible to simulate a hearing aid which individually compensates for the selected hearing loss. This additional processing simulates a generic digital hearing aid with multi-channel dynamic compression which is prescribed using the LoudFit procedure developed by HörTech.

Both versions of the software offer the user to adjust the level of the incoming sound as well as the level of the processed sound. Noise can be added at adjustable levels. In addition to the audio output, also the spectrograms of input and output signals are displayed.

The software is provided with a hardware copy protection (dongle). Subject to change without prior notice.



License type	Description	Price
Basic	Only hearing loss simulation. Allows for simulating arbitrary hearing loss based on an audiogram.	€ 80,00
Professional	Hearing loss simulation and hearing aid simulation. Allows for simulating arbitrary hearing loss based on an audiogram. Additionally, a generic digital hearing aid with multi-channel dynamic compression can be simulated.	€ 400,00
Up rade	Upgrade of an existent license of the Hearing Impairment Simulator (Basic) to the Simulator with hearing loss and hearing aid simulation (Professional). Exchange of the dongle is required for the upgrade.	€ 350,00

System requirements: Windows® 2000 or higher, Pentium® III 1.2 GHz or better

APTA-HF

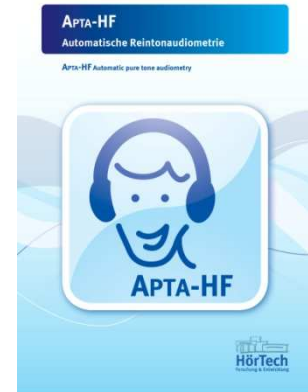
The Automatic Audiogram Measurement Tool is a computer program that allows automated measurement of pure tone audiograms with extended frequency range up to 16 kHz. It runs on a standard PC without needing clinical audiometer hardware.

The implemented procedure (based on Hughson-Westlake) makes a self-operated measurement of all 15 frequencies possible in 11 min. on average and has a high reproducibility.

For the Windows-software a high-quality soundcard (24 bit D/A, low noise headphone output >105 dB SNR) and Sennheiser HDA-200 as recommended audiometric headphone are necessary.

Literature:

T. Bisitz and A. Silzle: Automated Pure-Tone Audiometry Software Tool with Extended Frequency Range, AES 2011 Engineering Brief



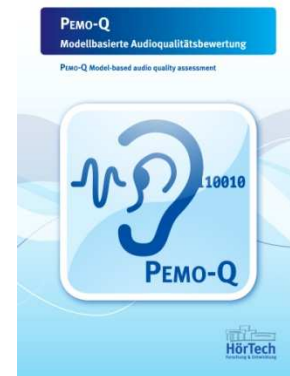
License type	Description	Price
Full license	Single user license for unrestricted use	€ 400,00

Pemo-Q

PEMO-Q is a software tool for objective assessment of speech and audio quality (DOS command line application). It applies a computer model of auditory signal processing (perception model "PEMO") in order to estimate the perceived similarity between two audio signals (e.g., speech or music from CD and mp3-coded). Thus, PEMO-Q can be applied for objective, perceptual quality assessment of speech and audio signal processing and transmission schemes.

Reference:

Huber, R. and B. Kollmeier (2006). "PEMO-Q - A new Method for Objective Audio Quality Assessment using a Model of Auditory Perception." IEEE Transactions on Audio, Speech and Language processing 14(6): 1902-1911.



License type	Description	Price
Full license	Single user license for unrestricted use	€ 1400,00
Research license	Single user license for non-commercial use at public educational/research institutions (proof required)	€ 75,00

Purchase order form

Please fax this purchase order form to:
 Fax +49 441 2172 250



Billing address:

Delivery address (if different):

Your Order number:

Contact person (name, phone):

Reference ID:

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For orders from outside Germany, if applicable: USt-IdNr./
 VAT Reg.No.:

I hereby order:

Product:	Amount:	Price apiece: (without tax)

Place, date:

Signature: