



BASS 2.0

Detail analysis of Central Auditory Processing



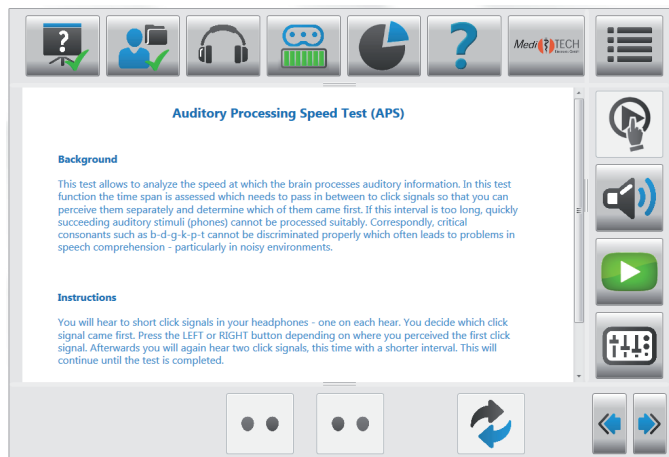
Qualified test – meaningful evaluation

- Auditory Processing Speed
- Directional Hearing
- Pitch Discrimination
- Auditory Motoric Coordination
- Auditory Reaction Time
- Frequency Pattern Recognition
- Duration Pattern Recognition



Analysis of central auditory functions in a few steps

BASS is deliberately designed to be so intuitive that users can navigate through the program independently and without previous knowledge and can carry out the tests. This can be done either by the test person himself or by the tester.



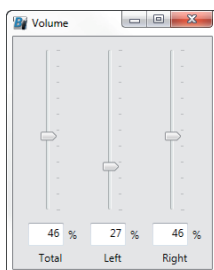
1. Enter customer

Test persons' name, date of birth and gender are entered – ready: the customer is entered into the database.

First Name:	<input type="text" value="John"/>
Surname:	<input type="text" value="Sample"/>
Date of Birth:	<input type="text" value="1/4/1955"/>
Gender:	<input type="text" value="male"/>

2. Adjust headphone volume

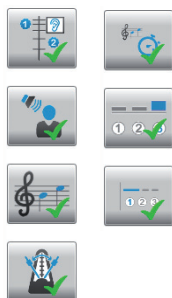
The test volume can be adjusted totally or as required left and right separately to the test person's needs. Unnoticed it is tested if the customer has placed the headphones correctly.



3. Perform central hearing test

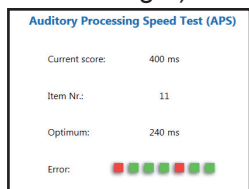
Sequence (variable):

- auditory processing speed
- directional hearing
- pitch discrimination
- auditory motoric coordination
- auditory reaction time
- frequency pattern recognition
- duration pattern recognition



These seven central auditory functions are tested. In order to understand the object set him quickly and safely: In advance the test person can read an explanatory text and / or watch a video introduction per test (approximately 60 seconds in length).

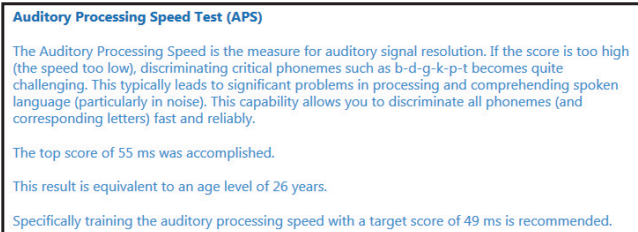
The test status is displayed in time.



4. Evaluation and reporting with just one click

In the evaluation screen will be displayed

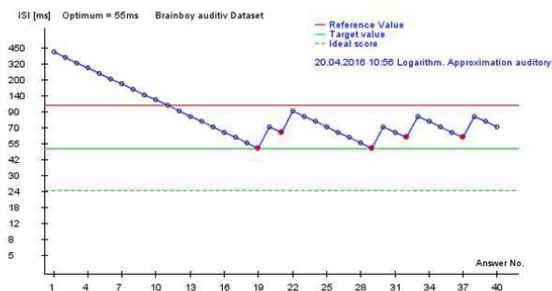
- best value reached
- hearing age "corresponds to xx years"
- review and training recommendation



A descriptive report with graphical representation of the test process and training recommendations can be automatically created, printed and handed to the customer.

Auditory Order Threshold (AOT): This is the measure for the time resolution of auditory stimuli. If the measured value is too high, you will likely have difficulties in discriminating critical phonemes such as b-d-g-k-p-t, with corresponding struggles in language comprehension particularly in noisy environments. In this test a score of 55 ms was achieved. The reference score for your age group is 99 ms and the target score is 50 ms. The score achieved is equivalent to an age level of 27 Years.

It is recommended to train the auditory order threshold (AOT) up to a target score of 50 ms.



Graphic Auditory Order Threshold (AOT)

Comprehensive findings - clear results.

Do you have questions about BASS 2.0?

Please do not hesitate to contact us:

MedITECH Electronic GmbH
Langer Acker 7
D-30900 Wedemark

Phone: +49-(0)5130-97778-0

Fax: +49-(0)5130-97778-22

service@meditech.de

www.meditech.de

www.hoerfit.de