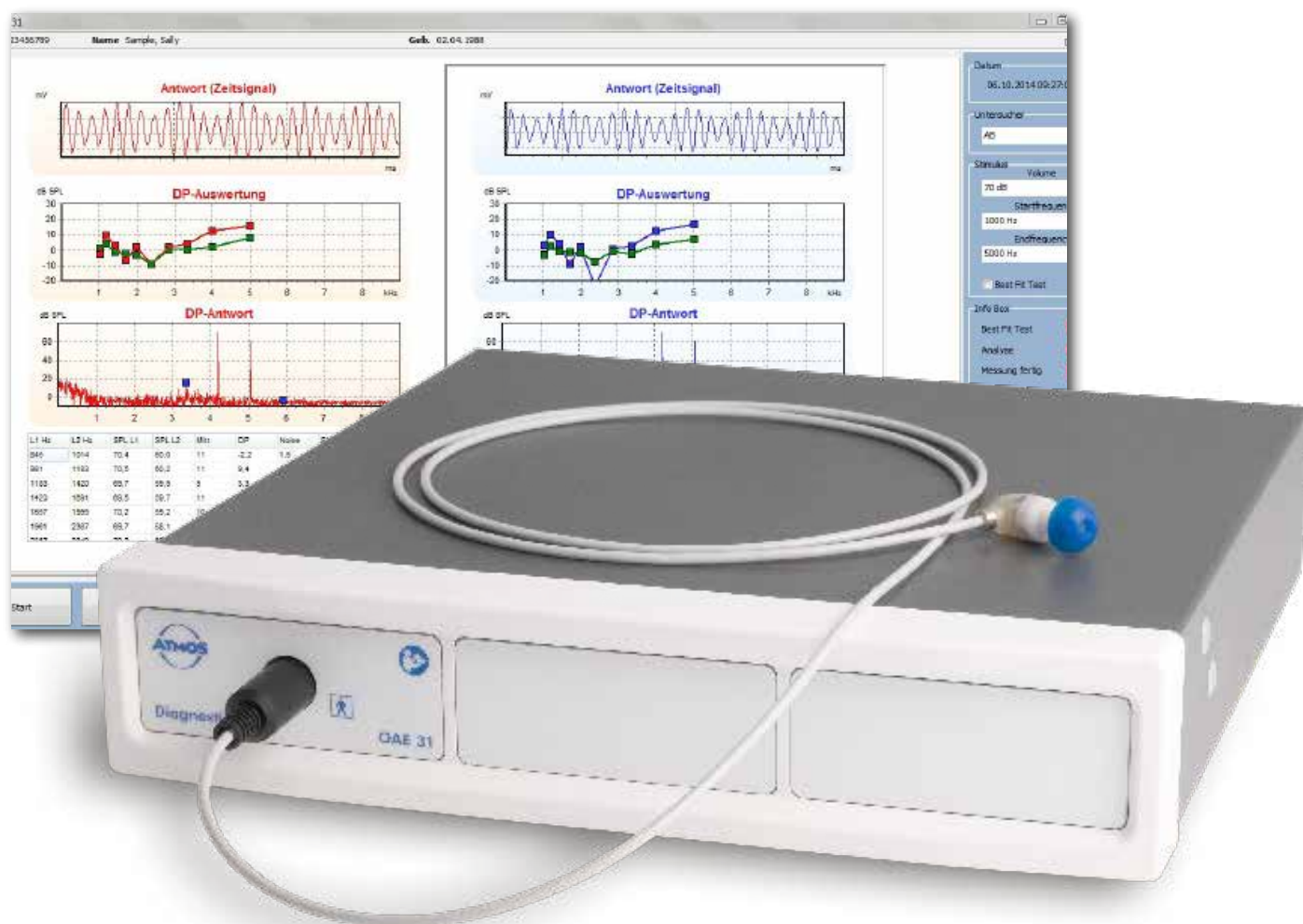


ATMOS DPOAE 31

Innovative - Effective - Integrative

Fast and reliable diagnostic results



The ATMOS DPOAE 31

Clinical diagnostics of the functioning of the outer hair cells in the cochlea

With the distortion product measuring method, the outer hair cells of the cochlea are tested over a defined frequency range of 550 Hz to 8000 Hz. Comprehensive presentation of the measurement sequence in real time means that the examiner can already make a qualitative assessment during the investigation itself.

Simple and intuitive measurement screen. All relevant settings and parameters at a glance!



Measurement

The software displays the time signal of the response, the DP-evaluation and the distortion products relating to the input frequencies. Using this information, the examiner can cancel measurement (as necessary) when quality-relevant parameters appear borderline or deficient.



For everyday use, automatic settings for measurement sequences and the ability to individually define measurement parameters facilitate working with the ATMOS DPOAE 31.

Automatic checking of the probe's fit and signal level as well as automatic noise suppression and stimulus calibration speed up the measurement process.

An info box provides information on the status and progress of measurement. Even as measurement is taking place, finalised frequencies with the displayed levels, the number of averagings, the output levels and the SNR are entered into a table.

This panel shows the configuration and status of the measurement. At the top, it displays the date and time '25.10.2016 13:34:48'. Below is a dropdown for 'Untersucher' (Examiner). The 'Stimulus' section includes 'Vol. in dB SPL' set to 70 dB, 'Startfrequenz' (Start frequency) at 1000 Hz, and 'Endfrequenz' (End frequency) at 5000 Hz. There is a checkbox for 'Best Fit Test'. The 'Info Box' at the bottom shows three status indicators: 'Best Fit Test' (green), 'Analyse' (yellow), and 'Messung fertig' (red).

DISPLAY OF MEASUREMENTS IN REAL TIME,

with stimulus, spectrum, stimulus response, distortion product and evaluation.

EASILY INTEGRATED

into a practice or hospital IT system using a GDT interface
or via the flexible ATMOS PatSoft 31, using individual transfer parameters

"GUIDED DIAGNOSTIC"

supports digital and real workflow by automating
administrative processes.

INDIVIDUAL MEASUREMENTS

available for call-up directly from the practice's IT system.

MAGNETIC PROBE HOLDER WITH TEST FUNCTION

for the safe storage of the highly sensitive OAE probe.

CAN BE COMBINED IN A CUBE CASE

with the TEOAE 31 and / or the Tymp 31 as a combined appliance,
ideal for workplaces focused on audiology.

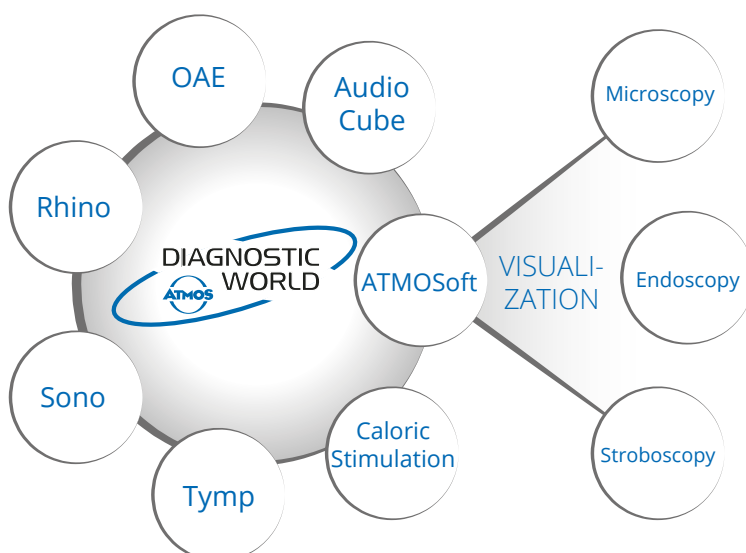
System integration

Patient data at any time
– anywhere

A software designed by ATMOS combines all diagnostic appliances in one. Thanks to an intelligent control system, the correct application for each particular workflow is opened up every time, as needed.

The measurement results are stored for each patient and can be commented on and exported as a PDF document.
Integration into the practice or hospital's IT system is enabled

using a GDT interface. Additional communication options with other IT systems are also possible using the ATMOS PatSoft31.





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