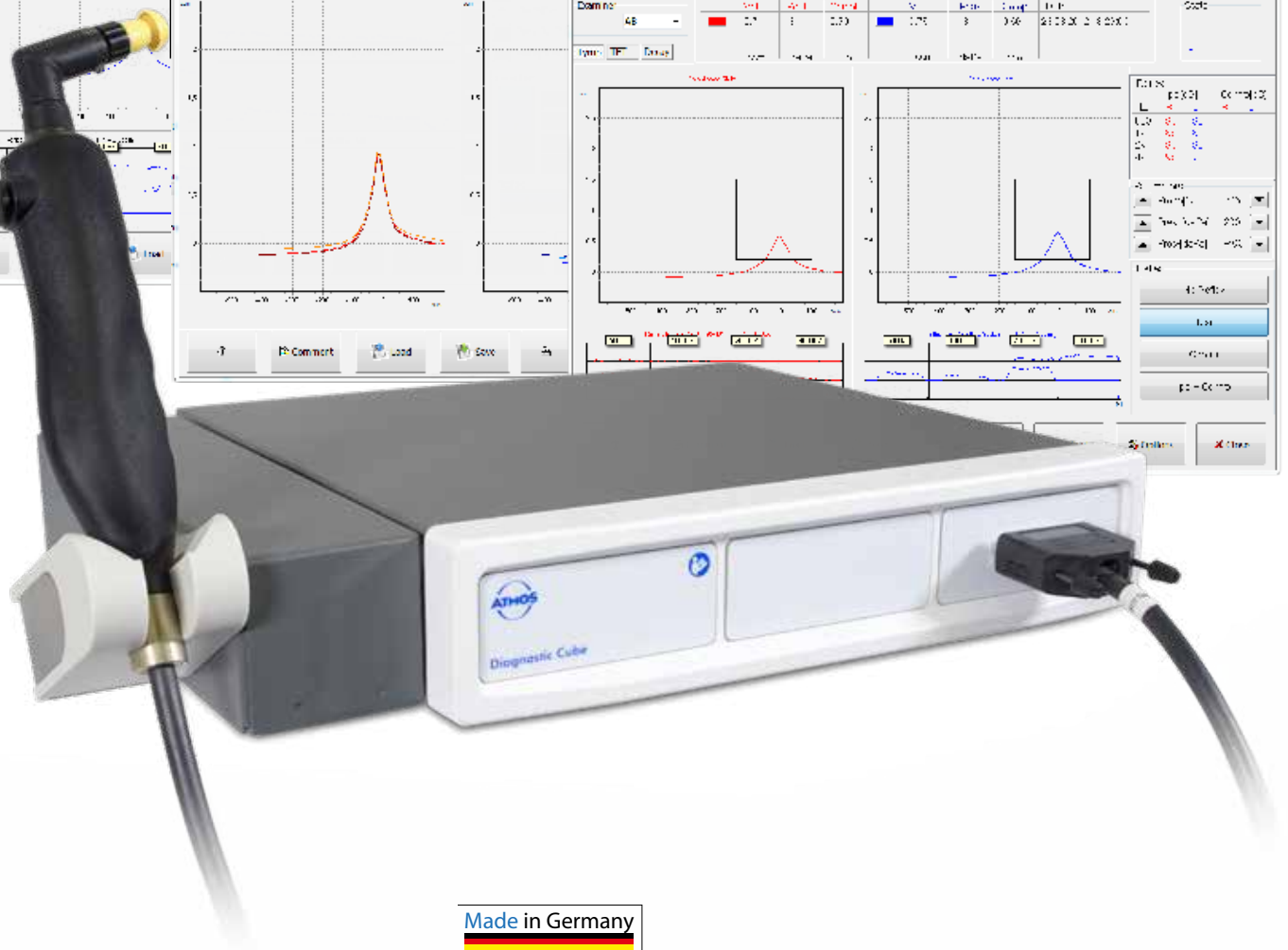
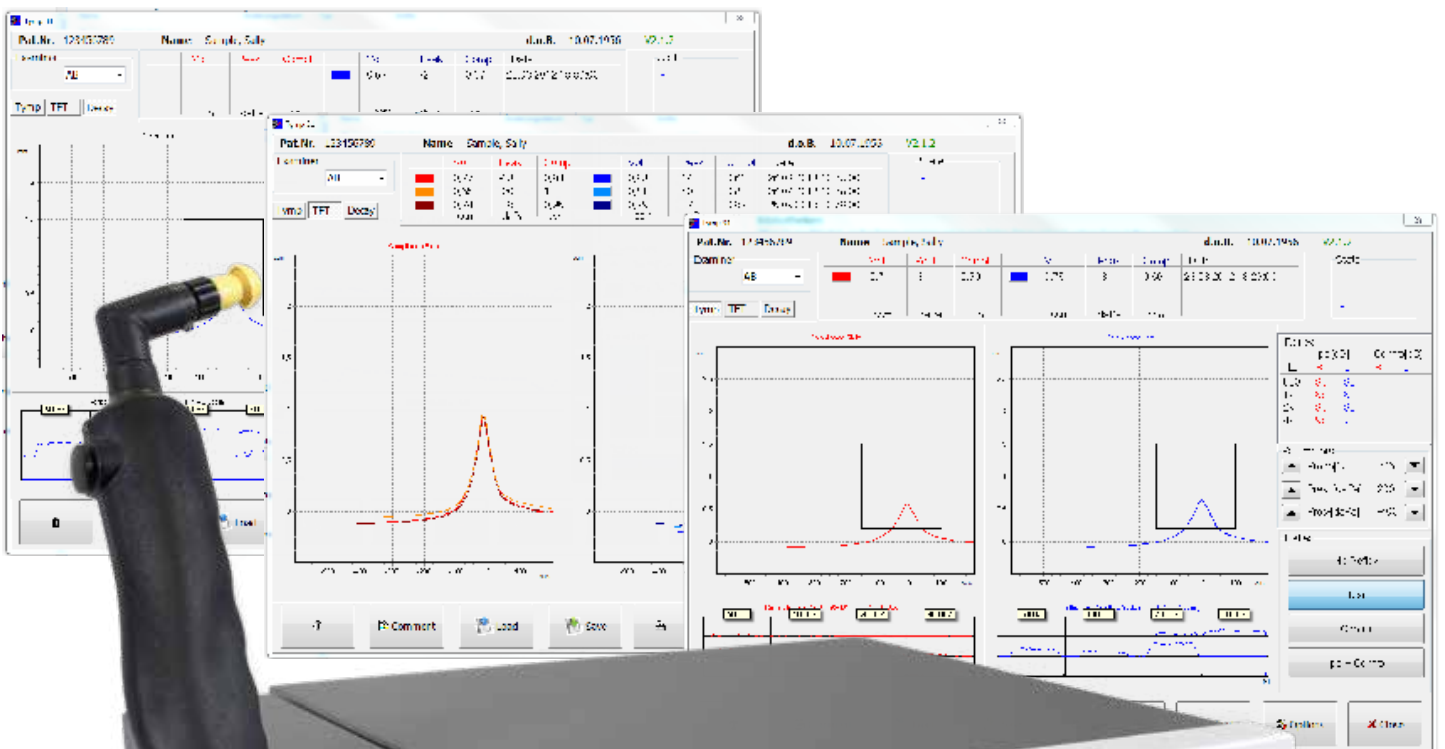


ATMOS TYMP 31

Innovative - Effective - Integrative

Fast and reliable diagnostic results

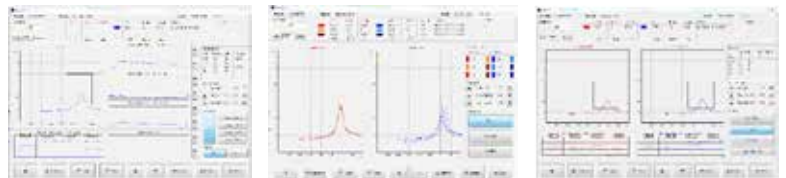


ATMOS TYMP 31

Diagnostics of the eardrum, the middle ear and ossicles

The ATMOS Tymp 31 module in the Cube Series is a clinical diagnostic device for measuring, evaluating and documenting redundancy of the middle ear. The functions of the eardrum, the ossicular chain, the acoustic reflex (ipsi- and contra-lateral) and the function of the Eustachian tube can be tested.

Each of the three measurement methods is depicted on a separate screen and in real time. Operation is designed to be simple and intuitive, and results are displayed graphically and numerically.



The measurements

Compliance, impedance, volume and acoustic reflex

The compliance and connected acoustic reflex measurement is automatically triggered by the automatically or manually adjustable parameters after a system leak test. Once the contra-lateral headphones have been assumed, the contra-lateral acoustic reflexes are measured.

The Tube Function Test is integrated into the Tymp31 software as standard. Checking Eustachian tube function, especially in occupational and sports medicine, is easy to carry out and to document with the ATMOS Tymp 31. Whether it's a hard copy you need or a PDF document for an e-mail attachment, documentation is available at the push of a button from the software.

The Reflex Decay Test

It is possible to measure slackening (fatigue) of the acoustic reflex during longer ultrasonic checks with an add-on software module (optional). In order to diagnose a neural hearing disorder, the duration of the sound pulse can be set to 10, 15 or 20 seconds, and frequencies of 500, 1000, 2000 or 4000 Hz, and levels of 75 to 105 dB can be chosen.

MEASUREMENT DISPLAY IN REAL TIME

with volume, peak, compliance, acoustic reflex, TFT and Decay Test

iHANDLE PROBE HOLDER WITH AUTOMATIC FUNCTION

starts and closes the software, including all important parameters and patient data

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

CAN BE COMBINED WITH OTHER MODULES IN A COMBINATION MODULE

Combine with Rhino 31 and Sono 31 for ENT or as the Combi-Cube of Tymp 31 and the OAE 31 module for audiology

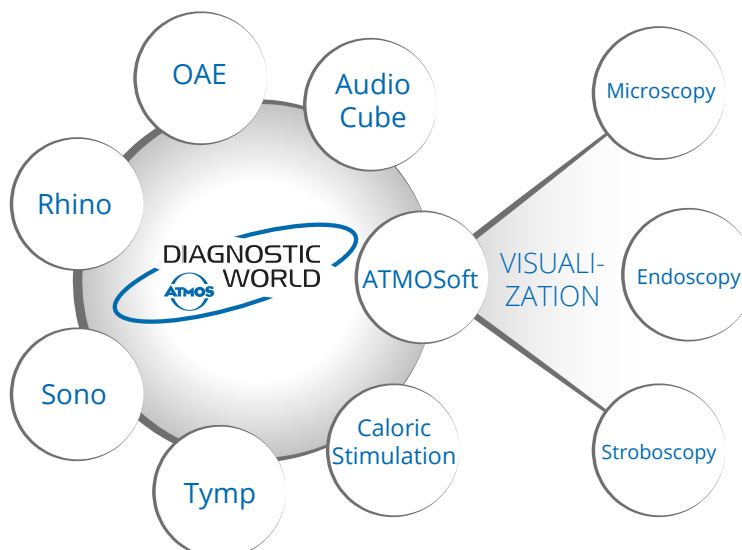
System integration

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 possibilities for communication with other IT systems can be realised using ATMOS PatSoft31, with simple text files or the HL7 protocol.





MedizinTechnik

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