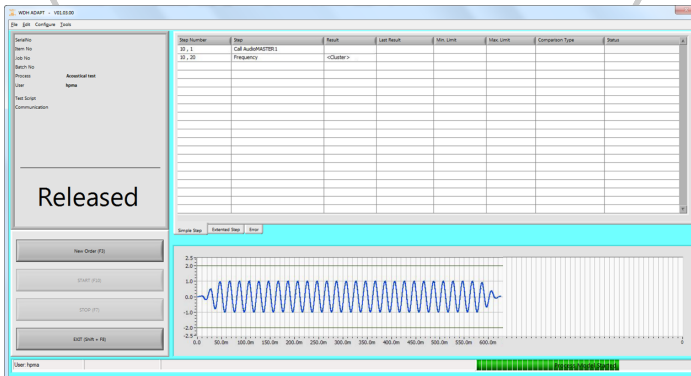


# Oticon Hearing Aid Test



## Application

System for functional and parametrical test of hearing aid's. The system handles a very large variety of products and reporting is subject to medical requirement standards. Data logging for both traceability and production tuning is another important issue of this application. The distributed system is used at DGS production sites.

## Software

The system is build using DSE EasyStand modules for implementing the Graphical User Interface (GUI) and for Diversity Handling. National Instruments Audio Master software is used by the system to perform all audio measurements according to the required standards. Results are presented to the operator both on the GUI and in printable reports.

Diversity Handling is handled by DSE's EasyStand toolbox and integrated with WATS MES to ensure consistent and controlled distribution and maintenance of test limits etc.

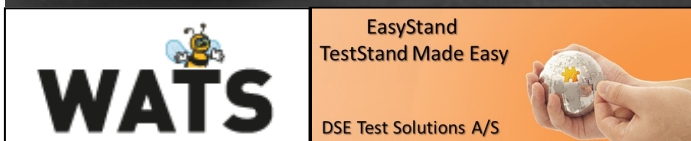
The system utilizes a modified version of TestStand's sequential process model that integrates both DSE's EasyStand and WATS MES.

WATS MES is a package based software distribution system delivered by Virinco.

## Hardware

The hardware includes a National Instruments PXI chassis which holds both the embedded controller PC and the instrumentation suite that make up National Instruments Audio Master.

Interfaces, battery simulation etc. are handled by additional benchtop instruments specific to the hearing aid domain.

**WATS**  
EasyStand  
TestStand Made Easy  
DSE Test Solutions A/S