



DATA SHEET

HEAD VISOR core (Code 7510)

Software for offline processing of HEAD VISOR recordings in real time

Overview

The HEAD VISOR core software is a powerful and easy-to-use offline analysis and playback system for HEAD VISOR recordings.

HEAD VISOR core includes all functions of the original HEAD VISOR software except for the recording function.

During the measurement with HEAD VISOR, the data are saved as raw files, so HEAD VISOR core can be used to retroactively and conveniently perform all settings, such as distance determination, frequency ranges and algorithms to be applied.

This makes HEAD VISOR core an ideal solution for setting up a second workplace for analyzing HEAD VISOR recordings made earlier. Even while other measurements are still being performed, you can already analyze and evaluate existing measurements using HEAD VISOR core.

Of course, you can also use the HEAD VISOR core Tool Packs: With Tool Pack 01, you can precisely determine the distances to the sound sources, and Tool Pack 02 allows the relevant signal orders to be detected and separated. Thanks to the innovative "Pulse Gate" algorithm, it is also possible to include the exact angular position in an analysis in addition to the revolution speed.

Tool Pack 03 provides a number of highly advanced algorithms for demanding measurement tasks.

Scope of Supply

- HEAD VISOR core (Code 7510)
Software for offline processing of HEAD VISOR recordings in real time, basic version
(the recording function is part of the HEAD VISOR software - Code 7500)
- Setup CD
- Dongle

Recommended Computer Platform

- VPC I.1 (Code 7550)
VISOR core PC, incl. keyboard, mouse
 - VTM I.1 (Code 7581)
20" TFT monitor for HEAD VISOR core
- or:
- VPC I.2 (Code 7551)
Notebook for HEAD VISOR core

Options (Tool Packs)

- HEAD VISOR core TP 01 (Code 7501)
 - MultipleEye focus for distance measurement
- HEAD VISOR core TP 02 (Code 7502)
 - Order analysis
 - "Pulse Gate" for analyzing transient sounds
- HEAD VISOR core TP 03 (Code 7503)
 - Stepping algorithm for removing multiple interfering sound sources
 - Deconvolution algorithm for retroactive sharpening of analysis results
 - Principal Component Analysis for dissecting sounds into their individual components
 - Coherence filtering and amplification