



**eetrak takes care of the electrode digitization procedure and records, visualizes and stores positions acquired with a digitizer device. The MS-Windows based software operates with digitizers from Polhemus Inc.**

Exact electrode positions are required in high-accuracy EEG source reconstructions. eetrak helps you to accomplish this and speed up the digitization process. Moreover, eetrak improves the results of your source localization. eetrak facilitates exact digitization of scalp electrodes positions in the most efficient way. The results can be used for your further analysis in ASA and eemagine EEG, or can be exported to ASCII format. eetrak is especially designed for the use of Polhemus digitizers in combination with electrodes and optimizes the whole digitization process.

## Features:

- Facilitates the electrode digitization procedure to record and visualize positions.
- Operates with the Polhemus Inc. digitizers.
- Templates to set up your measurement protocol
- Predefined, configurable electrode labels.
- Clear display of electrode labels during the operation of the digitizer.
- Sound provides feedback that a position was acquired and operator may continue.
- Display electrodes positions in X, Y, Z coordinates and in a 3D display in combination with a realistic head model
- Superimpose digitized electrode positions on scalp surface
- Export data directly to ASA, eemagine EEG and ASCII format
- Automatic log file creation during operation
- Digitizer device is recognized and automatically initialized
- Runs under Windows 98, NT, 2000, and XP

A complete eetrak digitizer system includes a Polhemus Fastrak unit, a stylus, a transmitter, three receivers, tripod and the eetrak software. The eetrak software is also available without hardware in case you already purchased the Polhemus unit.

## System requirements:

- Pentium 500 MHz (Pentium III 1 GHz recommended)
- 64 MB memory (128 MB recommended)
- 20 GB of free space on hard disk
- 1 free serial port
- Windows 98, NT, 2000 or XP operating system

## Presenting eetrak:



Figure 1

Electrode positions are easily digitized by means of a stylus.

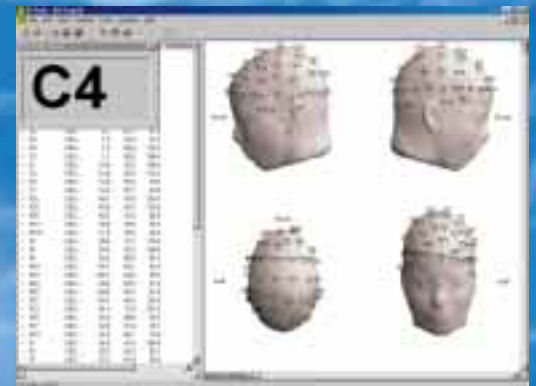


Figure 2

eetrak shows the current label of the electrode that is to be digitized and displays the acquired electrode positions directly at the scalp.

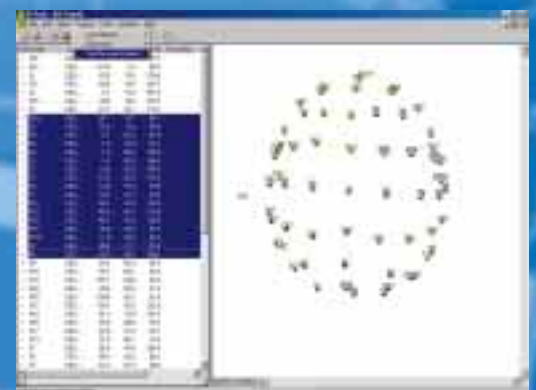


Figure 3

Easily select and digitize a subset of electrode positions.



