

Accurate and fast electrode localization



CapTrak comes with
a pre-configured PC,
a hand-held scanner
and software

- ✓ Professional camera-based electrode location scanning system
- ✓ Accurate optical electrode detection
- ✓ Audio-visual guided registration process
- ✓ Intuitive software for fast electrode localization (128 electrodes in 5 minutes)

Result	Compared/result	Comparison
Electrode	Distance [mm]	Diff. X [mm]
Fz	0.257	0.198
Nasion	0.262	0
Cz	0.277	0.097
A2	0.312	0.312
FC4	0.326	0.178
CP5	0.339	0.279
CPz	0.349	0.292
CP3	0.374	0.37
AF7	0.374	0.198
P5	0.384	0.238
FC3	0.416	0.383
F3	0.483	0.459
PO3	0.501	0.5
C6	0.503	0.216
A1	0.51	0.51
FC1	0.513	0.36
PO8	0.52	0.115
Fy2	0.539	0.494
TP7	0.544	0.332
PO4	0.547	0.045
AF8	0.549	0.476
C4	0.572	0.474



Fast

- ✓ Scan 128 electrode positions in 5 minutes; works with actiCAP slim (and previous actiCAP) electrodes.

Accurate

- ✓ Scan up to 160 individual electrodes with a mean deviation of less than 1 mm.

Reliable

- ✓ Use the CapTrak software to compare measurements and determine if the cap was moved between scans.

Smart

- ✓ Let CapTrak alert you when it detects mismatches in the expected electrode locations.

Flexible

- ✓ Compatible with actiCAP ControlBox (BrainAmp), actiCHamp (Plus) and LiveAmp.
- ✓ Select the format of the coordinate file and further process the data in BrainVision Analyzer 2 or other software.

The system comes ready to use out of the box and also includes a pre-configured computer.

