

## BrainCap MR

Superior solution for combining EEG & fMRI



- ✓ Gel-based passive electrode system for high-quality EEG recordings in the MR environment
- ✓ Equipped with robust and flat Ag/AgCl electrodes that are fitted with serial current-limiting resistors for maximum safety and data quality
- ✓ Also available with Carbon Wire Loops for motion artefact correction
- ✓ Cap sizes range from infants to adults; available channel counts: 32 – 128



## Guaranteed safety

- ✓ All electrodes are fitted with serial current-limiting resistors.
- ✓ Resistors are also placed inside the cap connector, acting like an additional RF-filter.
- ✓ Electrode cables are routed on the outside of the cap and secured to avoid loops and cable movement.
- ✓ Drop-down electrodes (e.g. ECG) are sheathed in plastic to avoid direct contact with the skin.
- ✓ Clear MR labelling and safety guidelines are in line with industry standards.

## Guaranteed comfort

- ✓ Flat electrodes guarantee the comfort of the cap when the head is resting on the electrodes in a supine position inside the MR scanner.

## Ease of use

- ✓ Colored electrode holders for easy access/clarification of assembly affiliation (e.g. 10-20, 10-10)

## Additional option for the BrainCap

- ✓ Carbon Wire Loops (CWL) for better correction of motion-related artefacts

