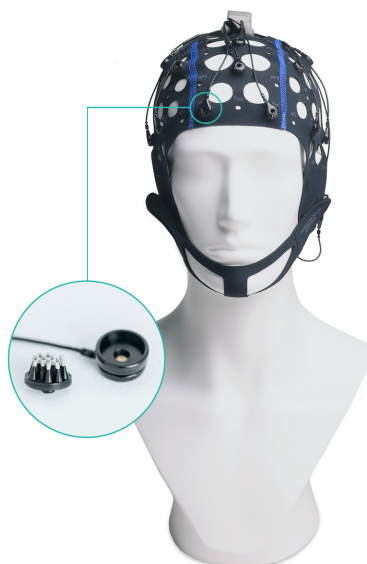


DATA SHEET

## Electrode cap DRY cap for NeoRec 21 mini

Electrode cap for EEG system NeoRec 21 mini with dry EEG electrodes MCScap-DrP1.

| REF       | Size | Head circumference |
|-----------|------|--------------------|
| 003-5-341 | XL   | 60-66 cm           |
| 003-5-342 | XL/L | 57-63 cm           |
| 003-5-343 | L    | 54-60 cm           |
| 003-5-344 | L/M  | 51-57 cm           |
| 003-5-345 | M    | 48-54 cm           |
| 003-5-346 | M/S  | 45-51 cm           |
| 003-5-347 | S    | 42-48 cm           |
| 003-5-348 | S/XS | 39-45 cm           |
| 003-5-349 | XS   | 36-42 cm           |



### INTENDED USE

EEG acquisition.

### SET

- Electrode cap DRY cap for NeoRec 21 mini,
- MCScap-AT ear fixator - 2 pcs.

### DESCRIPTION

Electrode cap DRY cap for NeoRec 21 mini is the textile cap with pre-installed dry passive Ag/AgCl MCScap-DrP1 electrodes with common connector for NeoRec 21 mini amplifier. The electrode cap is designed for non-invasive registration EEG when used with the EEG amplifier. The electrode cap is a reusable device.

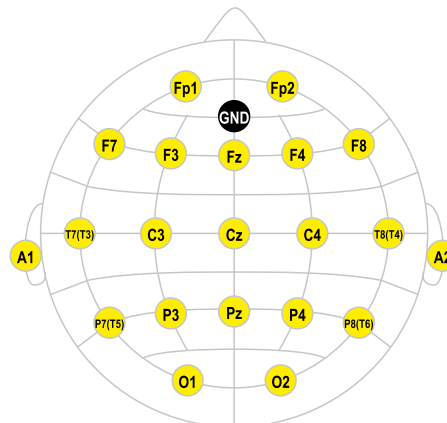
Textile cap is made of elastic material, preserving the shape and size. The cap provides the exact position of the electrodes on the head without additional measurements and adjustments. Large holes are provided for ventilation and access to the electrodes and patient's skin. The cap is fixed on the head with the chin or chest belt. The caps are marked according to the 10-10 system. Size identification is carried out by the color of the seam.

MCScap-DrP1 is a dry passive electrode for EEG acquisition. The electrode is used with sensors SoftPulse™ manufactured by Datawyler and does not require the use of electrically conductive gel when recording EEG. The dismountable design allows you to clean the sensors separately from the electrode cap. Electrode have additional labeling what makes easy to rearrange them to new textile base.

## SPECIFICATION

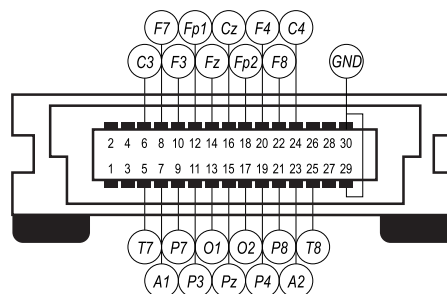
|                                                            |                                                                                                      |
|------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Model of electrode cap                                     | DRY cap for NeoRec 21 mini                                                                           |
| Compatibility with amplifiers                              | NeoRec 21 mini                                                                                       |
| Electrode                                                  |  <p>MCScap-DrP1</p> |
| Model of textile cap                                       | Textile cap MCScap                                                                                   |
| Cable length                                               | Without a cable, installing the amplifier on a pad on a cap                                          |
| Location of the output of the electrode cable from the cap | top of the head                                                                                      |
| Marking of the textile cap                                 | yes                                                                                                  |
| Marking of the electrodes                                  | yes                                                                                                  |
| Weight of EEG cap                                          | < 350 g                                                                                              |
| Electrode type                                             | passive                                                                                              |
| Material of electrode conductive surface                   | Ag/AgCl                                                                                              |
| The need to use an electrode contact substance             | not required                                                                                         |
| Compatible sensors                                         | SoftPulse™ (Datawyler): Flat, Brush Medium, Brush Long                                               |
| Ingress Protection                                         | IP67 (with sensor installed)                                                                         |
| Electrode polarization                                     | ≤ 50 mV                                                                                              |
| Resistance of electrodes insulation                        | ≥ 1000 MΩ                                                                                            |
| Dielectric strength of electrodes insulation               | 1500 V                                                                                               |
| The impedance of the electrode                             | ≤ 5 kΩ                                                                                               |
| Connector type                                             | Molex 52885-0374                                                                                     |
| Number of EEG electrodes                                   | 22                                                                                                   |
| Electrode positions                                        | FP1, FP2, O1, O2, F3, F4, C3, C4, P3, P4, F7, F8, T7, T8, P7, P8, Fz, Cz, Pz, A1, A2, GND            |

Scheme of electrode arrangement  
Manufacturer's code



#10EM22

Pin layouts of common connector  
Manufacturer's code



#10E-09M22