

Comparison of electrode caps MCScap



Name	CLINIC	CLINIC-TC	SLEEP	BASE	ELECTRODE SET-24	PROFESSIONAL	PROFESSIONAL-NT	PROFESSIONAL LIGHT
Types of EEG studies	• routine EEG	• routine EEG • EEG monitoring	• routine EEG • long-term EEG monitoring • TMS - EEG	• routine EEG • EEG in scientific research	• routine EEG • EEG in scientific research	• routine EEG • EEG in scientific research	• routine EEG • EEG monitoring • EEG in scientific research	• routine EEG • EEG in scientific research
Recommended position of body on examination	sitting	sitting and lying	sitting and lying	sitting	sitting	sitting	sitting and lying	sitting
Electrode type								
Material of electrode conductive surface	Ag/AgCl	Ag/AgCl	Ag/AgCl sintered	Ag/AgCl sintered	Ag/AgCl sintered	Ag/AgCl sintered	Ag/AgCl sintered	Ag/AgCl sintered
Number of electrodes	20 – standard 21 – standard with REF at head 22 – standard with REF at ears	20 – standard 21 – standard with REF at head 22 – standard with REF at ears	20 – standard 21 – standard with REF at head 22 – standard with REF at ears	20 – standard 21 – standard with REF at head 22 – standard with REF at ears	24	20 – standard 21 – standard with REF at head 22 – standard with REF at ears	20 – standard 21 – standard with REF at head 22 – standard with REF at ears	20 – standard 21 – standard with REF at head 22 – standard with REF at ears
Electrode positions, international system 10-20	Fp1, Fp2, F3, F4, C3, C4, P3, P4, O1, O2, F7, F8, T3, T4, T5, T6, Cz, Fz, Pz, GND	Fp1, Fp2, F3, F4, C3, C4, P3, P4, O1, O2, F7, F8, T3, T4, T5, T6, Cz, Fz, Pz, GND	Fp1, Fp2, F3, F4, C3, C4, P3, P4, O1, O2, F7, F8, T3, T4, T5, T6, Cz, Fz, Pz, GND	Fp1, Fp2, F3, F4, C3, C4, P3, P4, O1, O2, F7, F8, T3, T4, T5, T6, Cz, Fz, Pz, GND	custom installation	Fp1, Fp2, F3, F4, C3, C4, P3, P4, O1, O2, F7, F8, T3, T4, T5, T6, Cz, Fz, Pz, GND	Fp1, Fp2, F3, F4, C3, C4, P3, P4, O1, O2, F7, F8, T3, T4, T5, T6, Cz, Fz, Pz, GND	Fp1, Fp2, F3, F4, C3, C4, P3, P4, O1, O2, F7, F8, T3, T4, T5, T6, Cz, Fz, Pz, GND
Connector type	DB-25M	DB-25M	DB-25M	DB-25M	TouchProof 1,5 mm (DIN 42 802-ST)	DB-25M	DB-25M	DB-25M
Cable length	1,5 m	1,5 m	1,5 m	1,5 m	1,2 m	1,5 m	1,5 m	1,5 m
Location of the output of the electrode cable from the cap	back of the head	top of the head	top of the head	back of the head	—	back of the head	top of the head	back of the head
Ear electrodes	no (custom)	no (custom)	no (custom)	no (custom)	yes	no (custom)	no (custom)	no (custom)
Marking of the textile cap	yes	yes	yes	yes	yes	yes	yes	yes
Marking of the electrodes	yes	yes	yes	yes	no, labels included	yes	yes	yes
Available cap sizes	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm)	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm) S/XS (39-45 cm) XS (36-42 cm) Inf I (32-36 cm) Inf II (28-32 cm) Inf III (24-28 cm)	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm) S/XS (39-45 cm) XS (36-42 cm) Inf I (32-36 cm) Inf II (28-32 cm) Inf III (24-28 cm)	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm)	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm) S/XS (39-45 cm) XS (36-42 cm)	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm)	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm) S/XS (39-45 cm) XS (36-42 cm) Inf I (32-36 cm) Inf II (28-32 cm) Inf III (24-28 cm)	XL (60-66 cm) XL/L (57-63 cm) L (54-60 cm) L/M (51-57 cm) M (48-54 cm) M/S (45-51 cm) S (42-48 cm)
Standard set	• CLINIC electrode cap • EEG starter kit (gel, syringe, needle, brush) • user Manual	• CLINIC-TC electrode cap • EEG starter kit (gel, syringe, needle, brush) • user manual	• SLEEP electrode cap • EEG starter kit (gel, syringe, needle, brush) • user manual	• BASE electrode cap • EEG starter kit (gel, syringe, needle, brush) • user manual	• MCScap 10-20 textile caps with fixing rings - 3 pcs. • MCScap-E electrodes with TouchProof 1.5 mm connectors - 24 pcs • labels for electrodes 10-20 • ear fixators MCScap-A - 2 pcs. • EEG starter kit (gel, syringe, needle, brushes - 2 шт.) • user manual • bag	• PROFESSIONAL electrode cap • spare electrode • EEG starter kit (gel, syringe, needle, brush) • user manual • bag	• PROFESSIONAL-NT electrode cap • spare electrode • EEG starter kit (gel, syringe, needle, brush) • user manual • bag	• PROFESSIONAL light electrode cap • EEG starter kit (gel, syringe, needle, brush) • user manual
Weight of EEG cap	< 250 g	< 250 g	< 250 g	< 350 g	< 350 g	< 250 g	< 350 g	< 250 g
Net weight	< 750 g	< 750 g	< 750g	< 850 g	< 950 g	< 850 g	< 950 g	< 750 g

By request, it is possible to add ear electrodes, change the number of electrodes and the type of connector for a specific EEG amplifier.