COMPUMEDICS®
alpha trace

EEG

PSG

EMG

Accessories.
Neurophysiology.

www.alphatrace.at

About Us / Kontakt

Since our founding in 1980 we stand for continuity, good customer support and easy-to-use systems for Neurophysiology. Together with Compumedics we have an offer for our existing and new customers covering the whole range from routine applications through high end Epilepsy Monitoring to toplevel products for scientific research (e.g. MEG, Neuroimaging, ...). This cooperation is the start of an exciting collaboration between two innovative companies for the benefit of all existing and new customers.
We stick to our credo: Your requirements - our systems.

Milestones

1980 Company founding
1985 First PC-based BrainMapping system
1987 tart of the 1st PC-based EP system
1990 PSG system for infants
2001 Start of the 1st PC-based EP system
2002 alpha trace SLEEP PSG system (4th generation)
2005 NeuroGraph system - EMG/NCS/EP
2010 alpha trace MiniRecorder
2013 Bridge research project
2020 Integration of Compumedics Grael
2022 Union with the Compumedics group

Office dog & Chief Security Officer: Malu

! Free delivery for orders above 50 Euro incl. tax.

Contact:
Compumedics - alpha trace GmbH
Ruthgasse 19/1, 1190 Wien
T +43 1 368 17 97 | F + 43 1 367 70 23
office@alphatrace.at | www.alphatrace.at

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Bridge electrodes

Sintered bridge electrodes can be used with or without felts. If the electrodes are used with felts, they need to be placed in saline before use - the felts should be disposed after use. If bridge electrodes are used without felts conductive gels are needed.

Article number	Description	PU
EL-BR-SI	Sintered bridge electrode with gold pin, adults, blue	5
EL-BR-SI-K	Small sintered bridge electrode with gold pin, children, yellow	5
ELS-BR-SI-5	Bridge elctrode with silber pin, beige	5
505206	Sintered Z-electrode with silber pin, type: Schwarzer	10
505207	Sintered sponge electrode with silber pin, type: Schwarzer	10
505209	Sintered bridge electrode, type: Schwarzer, red	10
505210	Sintered bridge electrode with silber pin, children, type: Schwarzer	10
BEZUG-32-O	Felts and o-rings for bridge electrodes	100 each
O-RINGE-85	O-rings to fasten the felts for bridge- and ear electrodes	100
BEZUG-32	Electrode felts for bridge electrodes	100
KEGEL	Mounting cone for electrode felts and o-rings, 14mm	1
BESCHK	Electrode bowl for bridge electrodes	1

EL-BR-SI

EL-BR-SI-K

ELS-BR-SI

505206

505207

505209

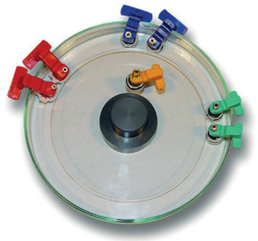
505210

BEZUG-32-O

O-RINGE-85

BEZUG-32

KEGEL


BESCHK

Ear electrodes

These electrodes are used for montages between ear and mastoid.

Article number	Description	PU
OHR-E-S	Sintered ear electrode, 100cm cable, 1,5mm DIN plug, blue	1 pair
OHR-EL	Sintered ear electrode incl. 2 o-rings, 100cm cable, 1,5mm DIN plug, beige	1
O-RINGE-85	O-rings to fasten the felts for bridge- and ear electrodes	100

OHR-E-S

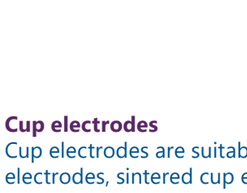
OHR-EL

O-RINGE-85

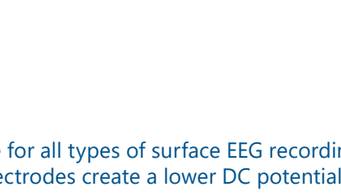
Cup electrodes

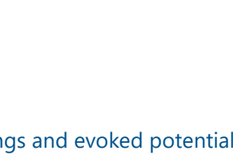
Cup electrodes are suitable for all types of surface EEG recordings and evoked potentials. Compared to gold cup electrodes, sintered cup electrodes create a lower DC potential. For that reason they are prefered for recordings of small potentials.

Article number	Description	PU
EL-GOLZ	Gold cup electrodes Grass, Ø 10mm, 76cm coloured cable, 1,5mm DIN plug	10
EL-GOLD	Gold cup electrodes Grass Ø 10mm, 122cm coloured cable, 1,5mm DIN plug	10
EL-GOLD-183	Gold cup electrodes Grass Ø 10mm, 183cm coloured cable, 1,5mm DIN plug	10
SCF32-75	Gold cup electrodes Ø 10mm, 75cm coloured cable, 1,5mm DIN plug	10
SCF32-120	Gold cup electrodes Ø 10mm, 120cm coloured cable, 1,5mm DIN plug	10
SCF32-150	Gold cup electrodes Ø 10mm, 150cm coloured cable, 1,5mm DIN plug	10
SCF32-180	Gold cup electrodes Ø 10mm, 180cm coloured cable, 1,5mm DIN plug	10
SCF32-200	Gold cup electrodes Ø 10mm, 200cm coloured cable, 1,5mm DIN plug	10
SCF32-240	Gold cup electrodes Ø 10mm, 240cm coloured cable, 1,5mm DIN plug	10
EL-145511	Gold cup electrodes Ø 10mm, 100cm Kabel, 1,5mm DIN plug	5
EL-145512	Gold cup electrodes Ø 10mm, 150cm Kabel, 1,5mm DIN plug	5
EL-145513	Gold cup electrodes Ø 10mm, 200cm Kabel, 1,5mm DIN plug	5
EL-GESINT-100	Sintered cup electrodes, Ag/AgCl, Ø 10mm, 100cm coloured cable, 1,5mm DIN plug	10
EL-GESINT-150	Sintered cup electrodes, Ag/AgCl, Ø 10mm, 150cm coloured cable, 1,5mm DIN plug	10
EL-GESINT-250	Sintered cup electrodes, Ag/AgCl, Ø 10mm, 250cm coloured cable, 1,5mm DIN plug	10
ELE-MAX-100-x	Single use cup electrodes Ag/AgCl Ø 10mm, 100cm cable; Quantity (x): 10 or 25	10/25
ELE-MAX-120	Single use cup electrodes Ag/AgCl Ø 10mm, 120cm cable	10
ELE-MAX-150-x	Single use cup electrodes Ag/AgCl Ø 10mm, 150cm cable; Quantity (x): 10 or 25	10/25
ELE-MAX-200	Single use cup electrodes Ag/AgCl Ø 10mm, 200cm cable	10



EL-GOLZ/GOLD/GOLD-183


SCF32-75/120/150/180/200/240


EL-145511/145512/145513

EL-GESINT-100/150/200

ELE-MAX-100/120/150/200

Needle electrodes

Neelde electrodes are used for e.g. EEG recordings on intensive care units. For hygienic reasons and easy use, we just offer single use subdermal needles.

Article number	Description	PU
SD51-111	Single use subdermal needles 12mm, Ø 0,35mm, 8cm cable, 1mm pin	5x5
SD51-111-E	Single use subdermal needles 12mm, Ø 0,35mm, 8cm Kabel, 1mm pin	25x1
MN3512F110	Single use subdermal needles (steel without cable) 12mm, Ø 0,35mm, 1mm pin	5x5
MN3512F105	Single use subdermal needles (steel without cable) 12mm, Ø 0,35mm, 1mm pin	25x1
1226SET426	Connecting cable for needle electrode, 1mm plug, 100cm coloured cable	10

SD51-111/E

MN3512F110/105

1226SET426

ECG clamp electrodes

For ECG recording during EEG we recommend the below clamp electrodes, which are easy to use and provide reliable signals.

Article number	Description	PU
ECG-KEK	ECG clamp electrodes, children, coloured	2
ECG-KEE	ECG clamp electrodes, adults, coloured	2
KA-R-ECG15	Cable for ECG clamp eletrode (ECG-KEK/KEE), 150cm, 4mm connector, red	1
KA-S-ECG15	Cable for ECG clamp eletrode (ECG-KEK/KEE), 150cm, 4mm connector, black	1
ECG-KEN	ECG clamp electrode, adults, blue	2
ECG-KITN	ECG clamp electrode set, incl. (ECG-KEN) and cable (KA-SI-EKGN)	2 pcs. each
KA-SI-EKGN	Cable for ECG clamp electrode (ECG-KEN), 200cm, DIN safety connector, red and yellow	2

ECG-KEK/KEE

KA-R-ECG15

KA-S-ECG15

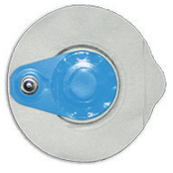
ECG-KEN

KA-SI-EKGN

ECG adhesive electrodes

As an alternative to clamp electrodes, adhesive electrodes with push button adapter can be use for ECG registration. The suitable cables can be found on the next page.

Article number	Description	PU
VL-00-S/25	ECG adhesive electrode with push button, Ambu Blue Sensor wet gel Ø 68mm, for long time and event recordings	25
EKG-KE	ECG adhesive electrode with push button, Ag/AgCl, 35x45mm	10x4
DENIS15026	Solid gel adhesive electrodes, 15x20mm, 150cm cable, white, 1,5mm DIN plug	6
DENIL15026	Solid gel adhesive electrodes, 20x25mm, 150cm cable, white, 1,5mm DIN plug	6



VL-00-S/25

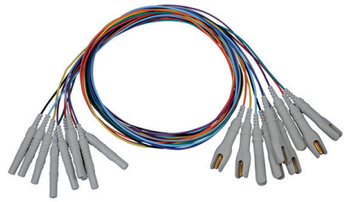
EKG-KE

DENIS/DENIL15026

Electrode cables
The following plugs are available for connecting the electrodes: connectors for bridge electrodes, push button adapters for adhesive electrodes or standard 4mm DIN plugs for ECG clamp electrodes. All cables are equipped with a 1.5mm DIN plug for connection to the EEG amplifier.

Article number	Description	PU
KA-SI-100	EEG connection cable 100cm, 2mm gold connector, white/yellow	10
KA-SI-90NK	EEG connection cable 90cm, safety plug, coloured	25
KA-145123	EEG connection cable 100cm, 2mm connector, coloured	10
KA-145125	EEG connection cable 150cm, 2mm connector, coloured	10
KA-SI-EKGN	Cable for ECG clamp electrode (ECG-KEN), 200cm, DIN safety plug, red and yellow	2
KA-R-ECG15	Cable for ECG clamp electrode (ECG-KEK/KEE), 150cm, 4mm connection, red	1
KA-S-ECG15	Cable for ECG clamp electrode (ECG-KEK/KEE), 150cm, 4mm connection, black	1
KA-EK-DA10	Push button cable 100cm, green	1
KA-EK-DA10-G	Push button cable 100cm, yellow	1
KA-EK-DA10-R	Push button cable 100cm, red	1
KA-EK-DA15	Push button cable 150cm, green	1
KA-EK-DA15-G	Push button cable 150cm, yellow	1
KA-EK-DA15-R	Push button cable 150cm, red	1
KA-EK-DA20	Push button cable 200cm, green	1
KA-EK-DA20	Push button cable 200cm, yellow	1
KA-EK-DA20	Push button cable 200cm, red	1
KA-DK-160543	Push button cable, type Schuler 100cm, green	1
KA-DK-160547	Push button cable, type Schuler 100cm, yellow	1
KA-DK-160541	Push button cable, type Schuler 100cm, red	1
KA-DK-160513	Push button cable, type Schuler 150cm, green	1
KA-DK-160517	Push button cable, type Schuler 150cm, yellow	1
KA-DK-160511	Push button cable, type Schuler 150cm, red	1
KA-DK-160523	Push button cable, type Schuler 200cm, green	1
KA-DK-160527	Push button cable, type Schuler 200cm, yellow	1
KA-DK-160521	Push button cable, type Schuler 200cm, red	1
KA-SI-JU	Jumper cable 10cm, 1,5mm DIN plug	1
1226SET426	Connection cable for needle electrode (SD51-111/MN3512F) 1mm plug, cable 100cm	10

KA-SI-100


KA-SI-90NK

KA-145123/14125

KA-SI-EKGN

KA-R-ECG15

KA-S-ECG15

KA-EK-DA10/15/20

KA-EK-DA-10/15/20-G

KA-EK-DA-10/15/20-R

KA-DK-160543/160513/160523

KA-DK-160547/160517/160527

KA-DK-160541/160511/160521

KA-SI-JU

1226SET426

Electrode gels

Electrode gels

Gels aare needed to reduce contact resistance, to ensure conductivity and electrode adhesion. We offer several gels with specific features - please contact us for consultation.

Article number	Description	PU
Skin preparation		
EVERI	Everi skin preparation, tube 160g	1
NUPREP	Nuprep skin preparation, tube 115g	1
SKIN-PURE	Skin-Pure abrasive skin preparation, tube 135g	2
Conductivity		
SIGNA-CREME	Signa EEG creme, bottle 142g	1
SYNAPSE	Synapse EEG-conductivity cream, bottle 140g	1
Skin preparation and conductivity (ideal for bridge electrodes)		
ONESTEP	OneStep EEG-gel, tube 120g	1
ONESTEP-AP	OneStep AbrasivPlus EEG gel, tube 120g	1
EL-PA1000	Abralyt 2000 electrode gel, abrasive, salt free, jar 1000g	1
Conductivity (ideal for system caps)		
E-10	E-10 electrode gel, jar 946ml	1
NEURGEL	Neurgel, bottle 250g	1
ONESTEP-CG5	OneStep ClearGel, jar 500g	1
ONESTEP-CG10	OneStep ClearGel, jar 1000g	1
ONESTEP-CG40	OneStep ClearGel, jar 4000g	1
Conductivity and adhesion (ideal for cup electrodes)		
ONESTEP-KP	OneStep adhesive EEG paste, jar 100g	1
ELEFIX-D	Elefix EEG-adhesive paste, jar 400g	1
ELEFIX-T	Elefix EEG-adhesive paste, tube 180g	1
TEN-20-D	TEN-20 EEG/EMG/EP-adhesive paste, jar 228g	1
TEN-20-T	TEN-20 EEG/EMG/EP-adhesive paste, tube 114g	1
LIC-2	LIC-2 EEG adhesive paste, tube 100g	1
SAC-2	SAC-2 conductivity and adhesion paste, tube 100g	1
Adhesion		
MD0014-S	Collodion, 15ml tube	10
MD0014-L	Collodion, 60g tube	1
Removal and cleaning		
REMOVER473	Collodion remover, bottle 473ml	1
ACETON	Acetone	1
IVORY	Ivory rinsing emulsion, bottle 709ml	1

Contact us for attractive quantity discounts: office@alphatrace.at

Skin preparation

EVERI NUPREP SKIN-PURE

Conductivity

SYNAPSE SIGNA-CREME

Skin preparation and conductivity (ideal for bridge electrodes)

ONESTEP ONESTEP-AP EL-PA1000

Conductivity (ideal for system caps)

E-10 NEURGEL ONESTEP-CG5/10/40

Conductivity and adhesion (ideal for cup electrodes)

ONESTEP-KP ELEFIX-D ELEFIX-T TEN-20-D TEN-20-T LIC-2 SAC-2

Adhesion

MD0014

Removal and cleaning

ACETON IVORY REMOVER473

As an alternative to Collodion and for long term recordings we recommend to use cup electrodes in combination with a conductive gel, LIC-2 and gaze pads.

EEG caps

EEG caps are used for bridge electrode fixation based on the 10/20 system.
For hygienic reasons we only offer caps with closed tubes - the models prevent liquid intrusion and allow an easy cleaning of the caps. Caps are normally equipped with transparent tubes, but can be ordered with coloured tubes as well. Red, blue, green and yellow are available colours.

Article number	Description	PU
HAUBES1V-x	EEG cap, transparent, with closed tubes Adults (x): 24, 26, 28, 30, 32, 34, 37, 40cm Babies (x): 16, 18, 20, 22cm	1
HAUBES2V-x	EEG cap, transparent, with closed tubes Sizes (x): children 30cm (K), middle sized 32cm (M), adults 34cm (E)	1
HAUBE-U2V-L	EEG cap, transparent, with closed tubes Head circumference 45cm (one size)	1
PEEGHK-x	EEG cap with closed tubes, children Head circumference (x): yellow (32-37cm), red (37-42cm), green (42-47cm)	1
PEEGHE-x	EEG cap with closed tubes, adults Head circumference (x): yellow (47-52cm), red (52-57cm), green (57-62cm)	1

HAUBE S1

HAUBE S2

HAUBE U2

i Caps can be ordered with coloured tubes (red, blue, green and yellow), for colour coded size distinction.

PEEGH

i Please contact us, if you need support for choosing the right size:
+43 (1) 36 81 797

Accessories and spare parts

Article number	Description	PU
LOCHBAND-20-E	Chin strap for adult EEG cap 20mm width, 40 cm length, perforated	1
OHRTEIL-E	Ear tabs for adult EEG cap, drop shaped, grey	2
DORN-6	Attachment button for adult EEG cap, 6mm, black	2
LOCHBAND-14-K	Chinstrap for baby EEG cap. 20mm width, 20cm length, perforated	1
OHRTEIL-K	Ear tabs for baby EEG cap, drop shaped, grey	2
DORN-5	Attachment button for baby EEG cap, 5mm, white	2
SR	Exchange tubes for PEEG cap, 1m	1
SCHNUR-P6V-x	Exchange tubes for EEG cap, 6mm Ø transparent, closed for HAUBE S1V Adult (x): 24, 26, 28, 30, 32, 34, 37, 40cm	2
SCHLAUCH-3T-V	Exchange tubes for EEG caps, 45cm length, closed, transparent	1
SCHLAUCH-3T-V-X	Exchange tubes for EEG caps, 45cm length, closed, coloured Colours (x): red, yellow, green, blue	1
SCHLAUCH-3-V	Exchange tubes for EEG caps, 6m length, closed, transparent	1
SCHLAUCH-3-V-x	Exchange tubes for EEG caps, 6m length, closed, coloured Colours (x): red, yellow, green, blue	1

LOCHBAND-20-E

OHRTEIL-E

DORN-6

DORN-5

Single use cap

These caps are ideal for patients with infections - they include 21 electrodes (incl. cables) and are made for single use only.

Article number	Description	PU
HAUBE-SU-x	Single use EEG cap, adults, incl. 150cm cable, 1.5mm DIN plug Head circumreference (x): XS (25-35cm), S (35-45cm), M (45-55cm), L (55-65cm)	1
HAUBE-SU-SS-x	Single use EEG cap, adults, incl. 100cm cable, 25 din D-Sub plug Head circumreference (x): M (45-52cm), L (56-64cm)	1

HAUBE-SU

HAUBE-SU-SS

System caps

System caps
Special caps, that include all 10/20 electrodes for quick and easy application.

Depending on head circumference various sizes are available - with a blunt needle the conductivity gel is applied below every electrode. Most customers use these caps in combination with a multi-pin plug. Simply plug and play.

All EEG caps can be adjusted according to your needs.
Do you like more, less or extra electrodes? We will be happy to advise you.

Electro caps
This proven cap is delivered with a 25 pin D-Sub plug for quick connection. Flat or high electrodes for reference and grounding at OZ and FCZ postions are already included in the cap.

Article number	Description	PU
I1-3-RF-20	Infa Cap III 34-38cm brown	1
I1-2/3-RF-20	Infa Cap II 36-40cm pink/brown	1
I1-2-RF-20	Infa Cap II 38-42cm pink	1
I1-1/2-RF-20	Infa Cap I 40-44cm blue/pink	1
I1-1-RF-20	Infa Cap I 42-46cm blue	1
E1-XS FR	Electro Cap extra-small 46-50cm green	1
E1-SXS FR	Electro Cap small/extra-small 48-52cm yellow/green	1
E1-S FR	Electro Cap small 50-54cm yellow	1
E1-MS FR	Electro Cap middle/small 52-56cm red/yellow	1
E1-M FR	Electro Cap middle 54-58cm red	1
E1-LM FR	Electro Cap large/middle 56-60cm blue/red	1
E1-L FR	Electro Cap large 58-62cm blue	1

Accessories and spare parts

Article number	Description	PU
E-3-x	Body harness for Electro cap; Sizes (x): S,M,L	1
E-23-5	Chin strap for Electro cap, 12,7cm; fits for: Electro cap yellow, yellow/green, green	1
E-23-7	Chin strap for Electro cap, 17,7cm; fits for: Electro cap blue, blue/red, red, red/yellow	1
I2	Body harness for Infa cap	1
E-13-INFA	Straps for Infa cap	1
E-24	Inserts for chin strap for more conveniece	100
E-4-DIN	Quick-insert electrode	1
E-5-9-DIN	Ear electrodes, 9mm, 1,5mm DIN plug	1 pair
E-25	Adhesive stripes for electrode	100
E-19	Replacement electrode for Electro caps	1
E-20	Replacement holder (flat) for Electro cap	1
ECIADPL-x	Cable extension for system caps; Lengths (x): 100, 150, 200cm	1

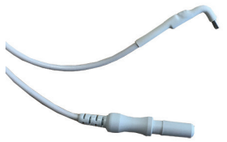
Symbolic image: Electro cap for adults

E-3

I2

E-13-INFA

E-23-x


E-4-DIN

E-5-9-DIN

E-19

E-20

ECIADPL

Med Cap
We offer Med Caps in seven different standard sizes with 20 electrodes and 1 reference electrode.
The caps are available in more than 20 variations and can be adapted individually.

Article number	Description	PU
MED-46	Med Cap, 46-50 cm, green, 25 pin D-Sub plug	1
MED-48	Med Cap, 48-52 cm, yellow/green, 25 pin D-Sub plug	1
MED-50	Med Cap, 50-54 cm, yellow, 25 pin D-Sub plug	1
MED-52	Med Cap, 52-56 cm, red/yellow, 25 pin D-Sub plug	1
MED-54	Med Cap, 54-58 cm, red, 25 pin D-Sub plug	1
MED-56	Med Cap, 56-60 cm, red/blue, 25 pin D-Sub plug	1
MED-58	Med Cap, 58-62 cm, blue, 25 pin D-Sub plug	1
MED-KINN	Chin Strap for Med caps, adult	1
MED-BRUST	Body Harness for Med Caps medium, 92 cm	1

Symbolic image: Med Cap for adults

Electrode from inside

MED-KINN

MED-BRUST

Multi caps
The reuseable Multi caps allow an easy replacement of electrode holders - the respective eletrode positions are indicated directly on the cap.

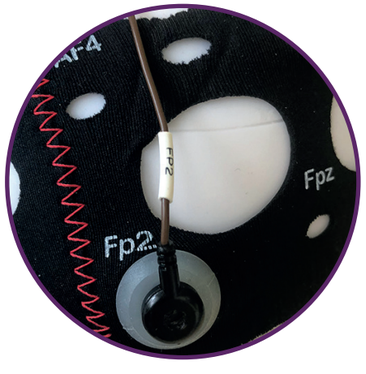
i All sizes refer to the head circumference in cm.

Multi Cap Soft
This cap is delivered with silicon electrode holders. The electrodes are placed before cap application.

i By default, all Multi cap soft caps are equipped with 15/21 electrode holders (including GND and REF).
If required, caps can be equipped with max. 74 electrode holders.

Article number	Description	PU
MC-S-21-24	Multi cap soft, 24-28cm, Infa III yellow, with 23 electrode holders, without electrodes	1
MC-S-21-28	Multi cap soft, 28-32cm, Infa II red, with 23 electrode holders, without electrodes	1
MC-S-21-32	Multi cap soft, 32-36cm, Infa I blue, with 23 electrode holders, without electrodes	1
MC-S-21-36	Multi cap soft, 36-42cm, XS green, with 23 electrode holders, without electrodes	1
MC-S-21-39	Multi cap soft, 39-45cm, S/XS yellow/green, with 23 electrode holders, without electrodes	1
MC-S-21-42	Multi cap soft, 42-48cm, S yellow, with 23 electrode holders, without electrodes	1
MC-S-21-45	Multi cap soft, 45-51cm, M/S red/yellow, with 23 electrode holders, without electrodes	1
MC-S-21-48	Multi cap soft, 48-54cm, M red, with 23 electrode holders, without electrodes	1
MC-S-21-51	Multi cap soft, 51-57cm, L/M blue/red, with 23 electrode holders, without electrodes	1
MC-S-21-54	Multi cap soft, 54-60cm, L blue, with 23 electrode holders, without electrodes	1
MC-S-21-57	Multi cap soft, 57-63cm, XL/L blue/black, with 23 electrode holders, without electrodes	1
MC-S-21-60	Multi cap soft, 60-66cm, XL black, with 23 electrode holders, without electrodes	1
MZ-E-K-2125-15	Electrodes braid for Multi cap soft with 21 sintered electrodes, 25-pin. D-Sub plug, 150cm for caps sizes XS	1
MZ-E-M-2125-15	Electrodes braid for Multi cap soft with 21 sintered electrodes, 25-pin. D-Sub plug, 150cm for caps sizes M-MS-S-SXS	1
MZ-E-G-2125-15	Electrodes braid for Multi cap soft with 21 sintered electrodes, 25-pin. D-Sub plug, 150cm for caps sizes XL-XLL-L-LM	1
MS-E-0526-15	Sintered, single electrodes for Multi cap soft, 1,5mm DIN plug, 150cm cable	5

Symbolic image: Multi cap soft



ME-17-A-26-S15

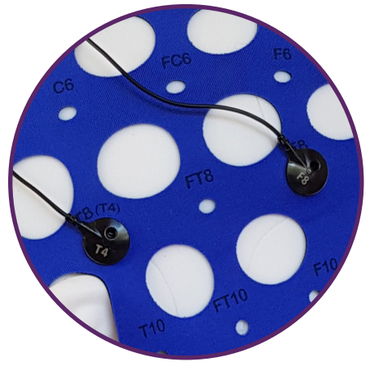
Symbolic image electrode braid for Multi Cap Soft

Multi cap flat
There is no need for electrode holders with Mutli cap flat, as electrodes are fixed directly on the cap.
For that reason Multi cap flat ensures maximum patient comfort - ideal for children and newborns.

i Depending on cap size, up to 128 electrodes can be positioned.

Article number	Description	PU
MC-F-INFA-24	Multi cap flat, 24-28 cm Infa III yellow, with 21 Ag/AgCl Electrodes	1
MC-F-INFA-28	Multi cap flat, 28-32 cm Infa II red, with 21 Ag/AgCl Electrodes	1
MC-F-INFA-32	Multi cap flat, 32-36 cm Infa I blue, with 21 Ag/AgCl Electrodes	1
MC-F-21-36	Multi cap flat, 36-42 cm XS green, with 21 Ag/AgCl Electrodes	1
MC-F-21-39	Multi cap flat, 39-45 cm S/XS yellow/green, with 21 Ag/AgCl Electrodes	1
MC-F-74-42	Multi cap flat, 42-48 cm S yellow, with 21 Ag/AgCl Electrodes	1
MC-F-74-45	Multi cap flat, 45-51 cm M/S red/yellow, with 21 Ag/AgCl Electrodes	1
MC-F-74-48	Multi cap flat, 48-54 cm M red, with 21 Ag/AgCl Electrodes	1
MC-F-74-51	Multi cap flat, 51-57 cm L/M blue/red, with 21 Ag/AgCl Electrodes	1
MC-F-74-54	Multi cap flat, 54-60 cm L blue, with 21 Ag/AgCl Electrodes	1
MC-F-74-57	Multi cap flat, 57-63 cm XL/L blue/black, with 21 Ag/AgCl Electrodes	1
MC-F-74-60	Multi cap flat, 60-66 cm XL black, with 21 Ag/AgCl Electrodes	1

Symbolic image: Multi cap flat



Multi cap cup
In this cap type, cup electrodes are placed in the respective mounts.

Article number	Description	PU
MC-C-21-24	Multi cap cup, 24-28 cm Infa III yellow, with 23 electrode mounts, without electrodes	1
MC-C-21-28	Multi cap cup, 28-32 cm Infa II red, with 23 electrode mounts, without electrodes	1
MC-C-21-32	Multi cap cup, 32-36 cm Infa I blue, with 23 electrode mounts, without electrodest	1
MC-C-21-36	Multi cap cup, 36-42 cm XS green, with 23 electrode mounts, without electrodes	1
MC-C-21-39	Multi cap cup, 39-45 cm S/XS yellow/green, with 23 electrode mounts, without electrodes	1
MC-C-21-42	Multi cap cup, 42-48 cm S yellow, with 23 electrode mounts, without electrodes	1
MC-C-21-45	Multi cap cup 45-51 cm M/S red/yellow, with 23 electrode mounts, without electrodes	1
MC-C-21-48	Multi cap cup, 48-54 cm M red, with 23 electrode mounts, without electrodes	1
MC-C-21-51	Multi cap cup, 51-57 cm L/M blue/red, with 23 electrode mounts, without electrodes	1
MC-C-21-54	Multi cap cup, 54-60 cm L blue, with 23 electrode mounts, without electrodes	1
MC-C-21-57	Multi cap cup, 57-63 cm XL/L blue/black, with 23 electrode mounts, without electrodes	1
MC-C-21-60	Multi cap cup, 60-66 cm XL black, with 23 electrode mounts, without electrodes	1

Empty multi caps
These are empty caps, which can be combined with any mounts or directly with the multi cap flat electrodes.

MCS-I3	Multi Cap, 24-28cm, Infa III yellow, without mounts, without electrodes	1
MCS-I2	Multi Cap, 28-32cm, Infa II red, without mounts, without electrodes	1
MCS-I1	Multi Cap, 32-36cm, Infa I blue, without mounts, without electrodes	1
MCS-XS	Multi Cap, 36-42cm, XS green, without mounts, without electrodes	1
MCS-SXS	Multi Cap, 39-45cm, S/XS yellow/green, without mounts, without electrodes	1
MCS-S	Multi Cap, 42-48cm, S yellow, without mounts, without electrodes	1
MCS-MS	Multi Cap, 45-51cm, M/S red/yellow, without mounts, without electrodes	1
MCS-M	Multi Cap, 48-54cm, M red, without mounts, without electrodes	1
MCS-LM	Multi Cap, 51-57cm, L/M blue/red, without mounts, without electrodes	1
MCS-L	Multi Cap, 54-60cm, L blue, without mounts, without electrodes	1
MCS-XLL	Multi Cap, 57-63cm, XL/L blue/black without mounts, without electrodes	1
MCS-XL	Multi Cap, 60-66cm, XL black, without mounts, without electrodes	1

Symbolic image: Multi cap cup

Symbolic image: Multi cap empty

Accessories and spare parts

Article number	Description	PU
MZ-E-K-2125-15	Electrodes braid for Multi cap soft with 21 sintered electrodes, 25-pin. D-Sub plug, 150cm for caps sizes XS	1
MZ-E-M-2125-15	Electrodes braid for Multi cap soft with 21 sintered electrodes, 25-pin. D-Sub plug, 150cm for caps sizes M-MS-S-SXS	1
MZ-E-G-2125-15	Electrodes braid for Multi cap soft with 21 sintered electrodes, 25-pin. D-Sub plug, 150cm for caps sizes XL-XLL-L-LM	1
MS-E-0526-15	Sintered, single electrodes for Multi cap soft, 1,5mm DIN plug, 150cm cable	5
SOFTHAN023C	Silicon electrode holders for Multi Cap soft	23
CUPHAN023	Electrode holders for Multi Cap Cup	23
MC-F-E-21-S25	Electrodes braid for Multi cap flat with 21 sintered electrodes, 25-pol. D-Sub plug, 150 cm, for 36cm to51cm caps	1
MC-F-EG-21-S25	Elektrodes braid for Mutli cap flat with 21 sintered electrodes, 25-pol. D-Sub plug, 150 cm, for 51cm bis 66cm caps	1
MC-F-E-S15	Sintered, single electrodes for Multi cap flat, 1,5mm DIN plug	5
MCE-100	Gold cup electrodes for Multi cap cup, Ø 10mm, 100cm, coloured	10
MCE-150	Gold cup electrodes for Multi cap cup Ø 10mm, 150cm, coloured	10
ME-13-S	Cable tie velcro, 150mm, black	1
ME-23-x	Chin strap with velcro, sizes (x): S, M, L	1
ME-3-x	Chest belt; size (x): SI (neonate) with velcro, S (children) with chest lock, L (adults) with chest lock	1
ME-14-10	Cable mounting, 1m (serial meter)	1
ECIADPL-x	Cable extension for system caps; length(x): 100, 150, 200cm	1
ECIADPL-x EKG	Cable extension for system caps incl. ECG; length(x): 100, 150, 200cm	1
FIX-NETZ-x	Elastic fixation net (single use); sizes (x): S, M, L, XL	10

Symbolic image electrode braid for Multi Cap Soft

ME-17-A-26-S15

SOFTHAN023C

CUPHAN023

MC-F-E-21-S25/MC-F-EG-21-S25

MC-F-E-S15

MCE-100/MCE-150

ME-13-S

ME-23

ME-3

ME-14-10

ECIADPL

FIX-NETZ

System caps

Waveguard Caps

These Caps from Waveguard are especially comforatble and easily fitted for rapid patient/subject setup. The 101 caps are equipped with a 25-pin D-Sub plug and the 10/20 layout. For the Neonatal caps a special adapter is needed.

Article number	Description	PU
WG-101-B	Waveguard Baby, 36-39 cm, yellow	1
WG-101-I	Waveguard Infant, 39-43, red	1
WG-101-C	Waveguard Child, 43-47 cm, blue	1
WG-101-S	Waveguard small, 47-51 cm, yellow/grey	1
WG-101-M	Waveguard medium, 51-56 cm, red/grey	1
WG-101-L	Waveguard large, 56-61 cm, blue/grey	1
WG-RC-316	Silicone rings for Waveguard cap	5
WG-XC-113.0100	Silicone rings for Waveguard cap	100

Symbolic image: Waveguard cap

If you are interested in Neonatal cap sizes, please contact us!

Quik Caps Hydro Net

The Hydro Net Arrays use liquid electrolyte absorbent foam enclosed by a soft silicone rubber reservoir/holder to facilitate rapid applications and recordings. After only 20 min in NaCl they can already be fitted on the patients head. The Hydro Net Quik Caps can achieve stable impedances as low as 5-10 kOhms for up to 3 hours. The silicone rubber reservoir that surrounds the electrode impedes evaporation of the liquid electrolyte, thus lengthening recording sessions.

Depending on cap size, up to 128 electrodes can be positioned.

Artikelnummer	Beschreibung	VPE
8035-0072-01	Quik-Cap HydroCell Net, 21 electrodes, Infant	1
8035-0069-01	Quik-Cap HydroCell Net, 21 electrodes, Child	1
8035-0101-01	Quik-Cap HydroCell Net, 21 electrodes, small	1
8035-0167-01	Quik-Cap HydroCell Net, 21 electrodes, medium	1
8035-0098-01	Quik-Cap HydroCell Net, 21 electrodes, large	1
8035-0060-01	Quik-Cap HydroCell Net, 21 electrodes, extra large	1

The Hydro Net caps are equipped with a special plug for the Grael amplifiers.

Easy cap

These caps are equipped with electrode holders, which can be individually configured. The caps may used with Ag/AgCl electrodes with 1.5mm DIN plugs. Note: These caps are not delivered with a multi pin plug.

Article number	Description	PU
GS-L54	Easy cap size 54, white, incl. adapter for 10/20 positions, TP9', TP10', HEOG/R, HEOG/L, VEOG/L, GND and REF	1
GS-L56	Easy cap size 56, white, incl. adapter for 10/20 positions, TP9', TP10', HEOG/R, HEOG/L, VEOG/L, GND and REF	1
GS-L58	Easy cap size 58, white, incl. adapter for 10/20 positions, TP9', TP10', HEOG/R, HEOG/L, VEOG/L, GND and REF	1
GS-L60	Easy cap size 60, white, incl. adapter for 10/20 positions, TP9', TP10', HEOG/R, HEOG/L, VEOG/L, GND and REF	1
GS-L62	Easy cap size 62, white, incl. adapter for 10/20 positions, TP9', TP10', HEOG/R, HEOG/L, VEOG/L, GND and REF	1

Symbolic image: Easy cap

Accessories and spare parts

Article number	Description	PU
A06	Electrode adapter white for ring electrode for Easy cap	1
A06-BL	Electrode adapter blue for ring electrode for Easy cap	1
A06-SW	Electrode adapter black for ring electrode for Easy cap	1
B10-HS-100	Ring electrode Ag/AgCl for Easy cap, 100cm cable, green, yellow, red or black	1
GS-KB	Extra chin strap for Easy cap, 45cm	1

B10-HS-100

Consumables

Are you missing anything? A measuring tape, cotton swabs for skin preparation or compresses? Here you can find all EEG accesssories.

Article number	Description	PU
40.212	STAEDTLER Lumocolor, black, blue or red	1
KLEBR	Adhesive rings, inner diameter Ø 8mm	100
KLEBEBAND	Leukosilk 5mx2,5cm	1
MASSBAND	Measuring tape, 1,5m	1
ALKO-SWAPS	Cleaning pads	100
WATTE-STAB	Cotton swabs, 150x2,2mm one-sided with cotton	100
GAZE	Compresses 5x5cm 8times, non sterile	100
20.105	Blunt needles, non sterile, Luer Lock, 15G x 0,5''	25
OMNIFIX	Omnifix syringes, 5ml Luer Lock, single use	100
OMNIFIX-10	Omnifix syringes, 10ml Luer Lock, single use	100
MJ412	Syringes with curved needle, Monoject 412	50
PUL0000025	Cleaning brush for system caps, plastic fiber	25
E-7	Needle kit with 2 blunt needles for system caps, sterile	1
E-41	Disposable Blunted needles with 5 syringes	200
E-SN15	Blunt needles, steril, Luer Lock, 16G (1,6mm), 15mm length	100
E-8BK-Braun	Needle kit, 1 syringe, disposable blunt plastic needles, Luer Lock, 12x1,8mm	50
E-8BK-Grün	Needle kit, 1 syringe, disposable blunt plastic needles, Luer Lock, 12x1,2mm	50

40.212

KLEBR

KLEBEBAND

MASSBAND

ALKO-SWAPS

WATTE-STAB

GAZE

20.105

OMNIFIX

MJ412

PUL0000025

E-7

E-SN15

E-8BK-Braun

E-8BK-Grün

EEG cup electrodes & fixation cap

Based on AASM 6 channels EEG is required during PSG recording.

Article number	Description	PU
EL-GOLZ	Gold cup electrodes Grass, Ø 10mm, 76cm coloured cable, 1,5mm DIN plug	10
EL-GOLD	Gold cup electrodes Grass Ø 10mm, 122cm coloured cable, 1,5mm DIN plug	10
EL-GOLD-183	Gold cup electrodes Grass Ø 10mm, 183cm coloured cable, 1,5mm DIN plug	10
SCF32-75	Gold cup electrodes Ø 10mm, 75cm coloured cable, 1,5mm DIN plug	10
SCF32-120	Gold cup electrodes Ø 10mm, 120cm coloured cable, 1,5mm DIN plug	10
SCF32-150	Gold cup electrodes Ø 10mm, 150cm coloured cable, 1,5mm DIN plug	10
SCF32-180	Gold cup electrodes Ø 10mm, 180cm coloured cable, 1,5mm DIN plug	10
SCF32-200	Gold cup electrodes Ø 10mm, 200cm coloured cable, 1,5mm DIN plug	10
SCF32-240	Gold cup electrodes Ø 10mm, 240cm coloured cable, 1,5mm DIN plug	10
EL-145511/415512/145513	Gold cup electrodes Ø 10mm, 100/150/200cm cable, 1,5mm DIN plug	5
ELE-MAX-100-x	Single use cup electrodes Ag/AgCl Ø 10mm, 100cm cable; Quantity (x): 10 or 25	10/25
ELE-MAX-120	Single use cup electrodes Ag/AgCl Ø 10mm, 120cm cable	10
ELE-MAX-150-x	Single use cup electrodes Ag/AgCl Ø 10mm, 150cm cable; Quantity (x): 10 or 25	10/25
ELE-MAX-200	Single use cup electrodes Ag/AgCl Ø 10mm, 200cm cable	10
FIX-NETZ-x	Elastic fixation net (single use); sizes (x): S, M, L, XL	10

EL-GOLZ/GOLD/GOLD-183

SCF32-75/120/180/150/200/240

EL-145511/145512/145513

FIX-NETZ

ELE-MAX-100/120/150/200

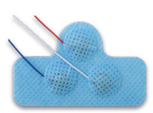
Adhesive electrodes

Adhesive electrodes are used for EMG and ECG recordings. We offer classic solid and new tripple and dual electrodes.

Article number	Description	PU
DENIS15026	Solid gel adhesive electrodes, 15x20mm, 150cm cable, white	6
DENIL15026	Solid gel adhesive electrodes, 20x25mm, 150cm cable, white	6
VL-00-S/25	ECG adhesive electrode with push button, Ambu Blue Sensor wet gel Ø 68mm, for long time and event recordings	25
SE-110-P	Tripple adhesive electrode incl. 210cm cable, for chin-EMG, adults	50
SE-111-P	Dual adhesive electrode for leg-EMG with push button; fits for: SE-204-P	50

DENIS/DENIL15026

VL-00-S/25



SE-110-P

SE-111-P

Sleep Cap

SleepCap is especially designed for polysomnographic diagnosis. Due to externally located wires and embedded eletrode-plates between two neoprene disks the caps ensure highest convenience.

Article number	Description	PU
SLC-x	SleepCap, 10 electrodes, 1.5mm Touchproof plug Head circumreference (x): 22-26, 26-30, 30-34, 34-38, 38-42, 42-46, 46-50, 50-54, 54-58, 58-62 (in cm)	1
FIX-NETZ-x	Elastic fixation net (single use); sizes (x): S, M, L, XL	10

SLC-x

FIX-NETZ-x

Cables & adapters

Push button adapters are needed for ECG adhesive electrodes. Cable extensions are offered in various lenghts.

Article number	Description	PU
KAVLKE-x	Cable extension for adhesive electrodes, 1.5mm DIN plug and pin, coloured Length (x): 100/150/200cm	5
KA-EK-DA10	Push button cable 100cm, green	1
KA-EK-DA15	Push button cable 150cm, green	1
KA-EK-DA20	Push button cable 200cm, green	1
KA-DK-160543/160513/160523	Push button cable 100/150/200 cm, green	1
KA-DK-160547/160517/160527	Push button cable 100/150/200 cm, yellow	1
KA-DK-160541/160511/160521	Push button cable 100/150/200 cm, red	1
SE-204-P	Push button cable for dual adhesive electrode (SE-111-P), 250cm cable	2 pairs

KAVLKE

KA-EK-DA10/15/20

SE-204-P

KA-DK-160543/160513/160523

KA-DK-160547/160517/160527

KA-DK-160541/160511/160521

Electrode gels

Gels are needed to reduce skin resistance, to ensure conductivity and electrode adhesion. We offer several gels with specific features - please contact us for consultation.

Article number	Description	PU
Skin preparation		
EVERI	Everi skin preparation, tube 160g	1
Conductivity and adhesion		
ONESTEP-KP	OneStep Adhesive EEG paste, jar 100g	1
ELEFIX-D	Elefix EEG-adhesive paste, jar 400g	1
ELEFIX-T	Elefix EEG-adhesive paste, tube 180g	1
TEN-20-D	TEN-20 EEG/EMG/EP-adhesive paste, jar 228g	1
TEN-20-T	TEN-20 EEG/EMG/EP-adhesive paste, tube 114g	1
MD0014-S	Collodion, tube 15ml	10
MD0014-L	Collodion, tube 60g	1
LIC-2	LIC-2 conductivity and adhesion paste, tube 100g	1
Remove and clean		
REMOVER473	Collodion remover, bottle 473ml	1

EVERI

ONESTEP-KP

ELEFIX-D

ELEFIX-T

TEN-20-D

TEN-20-T

MD0014

LIC-2

REMOVER473

Single use flow sensors

For hygienic reasons we recommend single use flow sensors. The PVDF-film (AASM approved) reacts particularly sensitive on temerpature change, pressure and movement and delivers the quickest signals in sleep sensory.
This results in a consistent and precise measurement, independent of patient movement.

Article number	Description	PU
FM-100	TriplePlay Flow sensor electronic, 1.5 mm DIN plug	1
FM-300	TriplePlay Flow/Snore sensor electronic, 1.5 mm DIN plug	1
TP-005-P	FlowSensor single use, neonates	10
TP-007-P	FlowSensor single use, infants	10
TP-009-P	FlowSensor single use, pediatric	10
TP-011-P	FlowSensor single use, adults, small	10
TP-013-P	FlowSensor single use, adults, middle	10
TP-015-P	FlowSensor sinlge use, adults, large	10

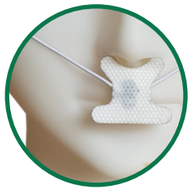
FM-100

FM-300

TP-005-P

TP-007-P

TP-009-P


TP-011-P/013-P/015-P

All sensors with direct patient contact are disposed after use. The sensor electronic parts (Tripple Play) are disinfectant and reuseable.

Thermistor flow sensors

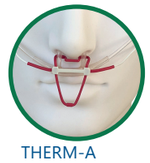
Thermistor sensors measure differences in air temperature in front of mouth and nose and create a continuous, reliable and clear breathing signal.

Article number	Description	PU
FLOW-1400	Thermistor airflow sensor, nasal bridge, neonate, 1.5mm DIN plug	1
FLOW-1401	Thermistor airflow sensor, 3-channel, children, 1.5mm DIN plug	1
FLOW-1472	Thermistor airflow sensor, 3-channel, adults, 1.5mm DIN plug	1
THERM-A	Thermistor airflow sensor (0514), adults, 1.5mm DIN plug	1

FLOW-1400

FLOW-1401

FLOW-1472


THERM-A

The THERM-A cannula thermistor allows an additional application of a nasal cannula to measure the airway pressure.

Nasal pressure sensors

The AC pressure and snore sensor is equipped with two outputs for simultaneous recording of nasal pressure and snoring. Due to its low volume the output signal is precisely provided even in small lumen cannula.

Article number	Description	PU
14830	AC nasal pressure sensor for breathing and snoring, 1.5mm DIN plug	1
5581	Dynamic pressure sensor, Luer Lock for breathing and snoring, 1.5mm DIN plug	1

14830

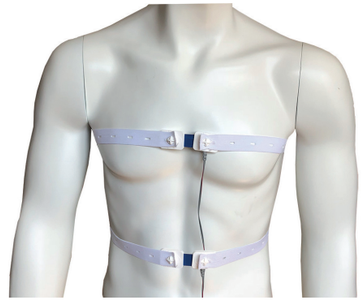
5581

For use of the nasal pressure sensor we recommend to use cannulas, which are equipped with an additional filter, preventing liquid intrusion.

Single use effort sensors

Single use effort sensors are used for measuring the respiratory effort by placing the sensor on abdomen and thorax. These sensors are recommend by the AASM.

Article number	Description	PU
PF-096	Effort sensor for use in combination with single use belt (abd.), universal, 1.5mm DIN plug	1
PF-097	Effort sensor for use in combination with single use belt (thorax), universal, 1.5mm DIN plug	1
PF-108-R	Effort belt for single use, roll 45m (for approx. 20 examinations)	1


PF-096/PF-097

PF-108-R

For applying the single use effort sensors cut the required belt from the roll. The belt is disposed after use. The sensor for abdomen and thorax is applied on the belt and disinfected after use.

Inductive effort sensors

The inductive respiratory sensors consist of high quality, soft and flexible material, which offers the best comfort for your patients. Each strap can be individually adapted and is applied with velcro.

Article number	Description	PU
9101	Abdomen interface cable inductive, 220cm, DIN plug	1
9102	Thorax interface cable inductive, 220cm, DIN plug	1
9002L40	Chest/Abdomen effort belt inductive, small (40cm, grey)	2
9002L60	Chest/Abdomen effort belt inductive, medium (60cm, red)	2
9002L90	Chest/Abdomen effort belt inductive, large (90cm, blue)	2
9002L120	Chest/Abdomen effort belt inductive, XL (120cm, black)	2
9002L150	Chest/Abdomen effort belt inductive, XXL (150cm, yellow)	2
CM-RIP	RIP Effort belt and cable for Grael amplifier	1

9101

9102

9002L40/60/90/120

The chest and abdomen belts are delivered in a set of different sizes (each size two times). The interface cable is connected with push button adapters.

CM-RIP

Movement sensors

The PLM movement sensors are created to monitor limb movements during sleep. They are applied with stripes on stategic important body parts.

Article number	Description	PU
PLM-1774-KIT	PLM sensor incl. 1 sensor and 1 velcro, infant, 1.5mm DIN plug, 290cm cable	1
PLM-1343	Velcro strech band 1" (for kids older than 2 years)	1
PLM-1770-KIT	PLM piezo sensor incl. 1 sensor and 2 velcro stretch bands, adults, 1.5mm DIN plug, 290cm cable	1
PLM-1770	PLM Piezo movement sensor, 1.5mm DIN plug, 290cm cable; fits for: PLM-1730	1
PLM-1730	Elastic ankle band	1 pair

PLM-1774-KIT

PLM-1343

PLM-1770-KIT

PLM-1770

PLM-1730

Position sensors

Even though most polysomnographic examinations include video monitoring, information given by a position sensor is important for interpreting results, especially during night recording. The sensor measures abdomen, back, upright, left and right sided positions.

The sensor is applied with a velcro around the patients chest. It might be applied on a reuseable effort belt, to avoid an additional belt and increase patient comfort.

Article number	Description	PU
R77-1564	DC-position sensor 1.5mm DIN plug	1
R77-1564K	DC-position sensor incl. belt, 1.5mm DIN plug	1
R53-1350	Fixation belt for DC position sensor	1
CM-POS	Position sensor for Grael amplifier	1

R77-1564

R53-1350

CM-POS

Snore sensors

In general the snore sensor is applied laterally to the larynx.

Article number	Description	PU
SCHN-1250	Snore sensor, piezo, reuseable, 1.5mm DIN plug	1
SE-300-P	Snore sensor single use, adults/pediatrics	10
SE-310	Snore sensor connection cable (reuseable) for single use sensor, 1.5mm DIN plug	1
CM-MIC	PSG microphone for Grael amplifier	1

SCHN-1250

SE-300-P

SE-310

CM-MIC

Pulse oximeter AlphaOx

Here you can find SpO_2 sensors and extension cables for our integrated AlphaOx pulse oximeter. We offer two models - either with D-Sub or MiniMed plug. Please check your amplifier to find out which plug is needed.

Article number	Description	PU
CS10318	Soft tip sensor SpO_2 medium, MiniMed, 1.2m cable	1
CS10532	SpO_2 Y-sensor, MiniMed; fits for: CS10532W	1
CS10532W	Wrap for SpO_2 Y-Sensor, MiniMed (CS10532)	10
X-3227-x	AlphaOx cable extension MiniMed, Length (x): 1.2m (12), 2.4m (24)	1
X-3226-x	AlphaOx cable extension D-Sub, Length (x): 1.2m (12), 2.4m (24)	1

CS10318

CS10532

CS10532W

X-3226

X-3227

Masimo ISACO$_2$ accessories

All NomoLine cannulas are single use products for CO_2 probes, which are conntected with the Masimo ISACO$_2$ module.

Article number	Description	PU
3830	CO_2-cannula nasal, adults for ISACO$_2$	25
3831	CO_2-cannula nasal, pediatric for ISACO$_2$	25
3832	CO_2-cannula nasal, infant for ISACO$_2$	25
3835	CO_2-cannula nasal/oral, adults for ISACO$_2$	25
3836	CO_2-cannula nasal/oral, pediatric for ISACO$_2$	25
3827	Airway adapter, adults/pediatric for intubated patients for ISACO$_2$	25
3829	Airway adapter, infant for intubated patients for ISACO$_2$	25

3830/3831/3832

3835/3836

3827/3829

CPAP

For CPAP mask adjustement a pressure adapter can be used. This ensures continuous pressure recording throughout the night.

Article number	Description	PU
900HC452	Flow connection for oxygen enrichment	10
EN-4124	SpiroQuant H incl. adapter, clip and 1.8m tube	6

900HC452

EN-4124

Cannulas

We offer nasal cannulas with or without integrated filter. Integrated filters are recommended in pressure sensors to prevent liquid intrusion. For LifeSense devices all cannulas can be used, as the system has an integrated filter function.

Article number	Description	PU
4000-25	CO_2-cannula nasal, male luer lock, adults, 2.1m; fits for: Life Sense	25
4100-25	CO_2-cannula nasal, male luer lock, pediatrics, 2.1m; fits for: Life Sense	25
4200-25	CO_2-cannula nasal, male luer lock, infants, 2.1m; fits for: Life Sense	25
4208-25	CO_2-cannula nasal, male luer, neonates, 0.6m	25
4108-25	CO_2-cannula nasal, male luer, pediatric, 0.6m	25
4008-25	CO_2-cannula nasal, male luer, adults, 0.6m	25
0582S-50	CO2-cannula nasal, male luer lock with filter, adults, 2.1m	50
0582PED-50	CO2-cannula nasal, male luer lock with filter, pediatric, 2.1m	50
15809	Disposable filter for nasal cannula, fitting for cannulas with male luer lock connector	10
BE-SW 102	Sticky Whiskers, nasal cannula fixation	25
1005	Nasal cannula fixation	25

Symbolic image: CO_2-cannula nasal

4000-25/4100-25/4200-25

0582S-50/0582PED-50

4208/4108/4008

15809

BE-SW 102

1005

1005

For neonates and small children Sticky Whiskers are recommend to fix the cannula below the nose.

Nonin pulse oximeter accessories
For the use of Nonin LifeSense devices or an integrated Nonin pulse oximeter in your HDEEG amplifier we offer suitable SpO_2 sensors in three different sizes. The sensors below can be used for the XPOD system in the HDEEG amplifier and the LifeSense device. Suitable nasal cannulas can be found in the cannula section.

Article number	Description	PU
NO8000J	SpO_2 Flex sensor, adults, 1m cable	1
NO8000JFW	Flexi-Wrap, adults	25
NO8008J	SpO_2 Flex sensor, neonates, 1m cable	1
NO8008JFW	Flexi-Wrap, neonates	25
NO8001J	SpO_2 Flex sensor, neonates, 1m cable	1
NO8001JFW	Flexi-Wrap, neonates	25
NO8000SS	SpO_2 Soft sensor, children, 1m cable	1
NO8000SM	SpO_2 Soft sensor, adults, medium, 1m cable	1
NO8000SL	SpO_2 Soft sensor, adults large, 1m cable	1
NO8000AA	SpO_2 Finger clip sensor, adults, 1m cable	1
NO7000A	SpO_2 Flexi-Form sensor, single use, finger sensor, adults	24
NO7000P	SpO_2 Flexi-Form sensor, single use, finger sensor, children	24
NO7000I	SpO_2 Flexi-Form sensor, single use, toe sensor, small children	24
NO7000N	SpO_2 Flexi-Form sensor, single use, foot sensor, neonates	24
NO8516-001	Single use filter	10
UNI-EXT-3	Extension cable for Nonin SpO_2 sensor, 3m	1
NO9095-001	Disposable straight T-connector with sample line	25

NO8000J

NO8000JFW

Flex System adults

Flex Sensor newborns

NO8008JFW

Flex System newborns

Flex Sensor infants

NO8001JFW

Flex System infants

Symbolic image of SPO_2 Soft Sensor, adults

NO8000SS

NO8000AA

NO7000A

NO7000P

NO7000I

NO7000N

NO8516-001

UNI-EXT-3

NO9095-001

Adhesive electrodes

Single use adhesive electrodes are available in various types and sizes. All shown adhesive electrodes are equipped with a Ag/AgCl derivative surface and solid gel (except 9013L0203). This ensures good adhesion if reused in the same patient.

Article number	Description	PU
DENIS00807	Adhesive electrodes single use, 15x20mm, 8cm cable, 0.7mm plug; fits for: KANLGM1/2	12
DENIL00807	Adhesive electrodes single use, 20x25mm, 8cm cable, 0.7mm plug; fits for: KANLGM1/2	12
9013L0203	Adhesive electrodes single use (without gel), 7x4mm, 8cm cable, 0.7mm plug; fits for: KANLGM1/2	50
DENIS01520	Adhesive electrodes single use with push button, 15x20mm	20
DENIL02025	Adhesive electrodes single use with push button, 20x25mm	20
TAB-KE	Adhesive electrodes single use, 22x20mm; fits for: KAKRR-KE/ KAKRS-KE	100
DENIS06026	Adhesive electrodes with solid gel, 15x20mm, 60cm cable, 1.5mm DIN plug	6
DENIL06026	Adhesive electrodes with solid gel, 20x25mm, 60cm cable, 1.5mm DIN plug	6
019-439300	Ring electrodes, single use 8x106mm, 50cm cable, 1.5mm DIN plug	10 pair

DENIS00807/DENIL00807

9013L0203

DENIS01520

DENIL02025

TAB-KE

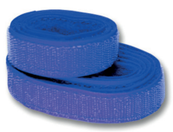
DENIS/DENIL06026

019-439300

Fixation

Velcro tapes are used to apply stimulation electrodes. The article "Fixierband" is ideal in combination with the STIMEL electrode, as they provide a hole for the electrodes handle.

Article number	Description	PU
VELCRO30	Velcro-tape for fixation of recording- or stimulation electrode, 30cm	1
VELCRO55	Velcro-tape for fixatoin of recording- or stimulation electrode, 55cm	1
VELCRO100	Velcro-tape for fixation of recording- or stimulation electrode, 100cm	1
FIXIERBAND	Fixation tape, elastic, 42cm, fits for: STIMEL	1


VELCRO

FIXIERBAND

Stimulation & recording

Here you can find various stimulation- and recording electrodes.
All electrodes are equipped with a 5-pin DIN safety plug.

Article number	Description	PU
STIMEL	Stimulation electrode incl. 4 felt inserts, 5-pin DIN plug, 200cm cable	1
STIMELEG-06	Inserts for STIMEL, arched, gold	2
STIMELEG-07	Inserts for STIMEL, flat, gold	2
STIM-FILZ	Insters for STIMEL, felt, Ø 6mm	20
STMP	Stimulation electrode with long handle, 5-pin DIN plug, 150cm cable	1
EVI-SDL 2	Stimulator Deluxe for easy and repititive stimulation, amplitudes adjustment and polarity change, directly on the electrode (for Eivdence devices only)	1
BAR-EL	Bar electrode, 5-pin DIN plug, 100cm cable	1
KANLGS10	Finger-/toe-recording electrode, Velcro tape, 5-pin DIN plug, 100cm cable	1
KANLGS15	Finger-/toe-recording electrode, Velcro tape, 5-pin DIN plug, 150cm cable	1
KANLGSMF-1	Finger-/toe-recording electrode, thin metallic loops, 5-pol. DIN plug, 100cm cable	1
KANLGSMF-2	Finger-/toe-recording electrode, thin metallic loops, 5-pol. DIN plug, 200cm cable	1
SP20-671	Bipolar stimulation electrode, 5-pin DIN plug, 150cm cable, incl. 10 felts, 2 stimulation balls and 1 velcro tape	1
BAL-EL	Bar electrode (electrode distance of 2 cm) incl. 10 felt inserts, 5-pin DIN plug, 150cm cable	1
EMGNH100	EMG needle holder and module adapter for multifunctional system, 5-pin DIN plug, 100cm cable	1
EMGNH200	EMG needle holder and module adapter for multifunctional system, 5-pin DIN plug, 200cm cable	1
FZS-STIM-MF	Module for multifunctional system: finger/toe stimulation electrode with strong loops	1 pair
FZF-STIM-MF	Module for multifunctional system: finger/toe stimulation electrode with soft loops	1 pair
DKA-STIM-MF	Module for multifunctional system: Push button adapter	1 pair
KR-KE-MF	Module for multifunctional system: Alligator clips	1 pair

STIMEL

STIMELEG-06

STIMELEG-07

STIM-FILZ

STMP

EVI-SDL 2

BAR-EL

KANLGS-10/15

KANLGSMF-1/2

SP20-671

BAL-EL

EMGNH100/200

FZS-STIM-MF

FZF-STIM-MF

DKA-STIM-MF

KR-KE-MF

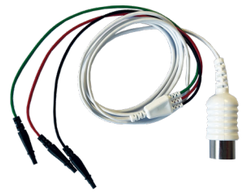
Cables, adapters & modules for multifunctional system

All cables are equipped with a 1.5mm DIN plug or a 5-pin DIN safety plug. If you are looking for other cable types, please contact us: office@alphatrace.at.

Article number	Description	PU
KANLGM-1	Adapter cable for adhesive electrodes, 5-pin DIN plug, 2x0,7mm socket, 100cm cable	1
KANLGM-2	Adapter cable for adhesive electrodes, 5-pin DIN plug, 2x0,7mm socket, 200cm cable	1
KANLGGND-1	Adapter cable for adhesive electrodes, 5-pin DIN plug, 3x0,7mm socket, 100cm cable	1
KANLGGND-2	Adapter cable for adhesive electrodes, 5-pin DIN plug, 3x0,7mm socket, 200cm cable	1
KAKRR-KE	Connection cable with alligator clip, 150cm cable, red	1
KAKRS-KE	Connection cable with alligator clip, 150cm cable, black	1
KRR-KE	Alligator clip, 2mm, red	1
KRS-KE	Alligator clip, 2mm, black	1
KA-EK-DA10	Push button cable, 100cm, green	1
KA-EK-DA15	Push button cable, 150cm, green	1
KA-EK-DA20	Push button cable, 200cm, green	1
KA-ME-DA15	Push button adapter cable for metallic grounding electrode (ERDBM30/ERDBM40), 150 cm cable, green	1
ADK5POL-1	Extension adapter cable 5-pin DIN socket to 5-pin DIN plug, 100cm cable	1
EMGNH100	Multifunctional system for EMG needle holder and module adapter, 5-pin DIN plug, 100cm cable	1
EMGNH200	Multifunctional system for EMG needle holder and module adapter, 5-pin DIN plug, 200cm cable	1
AD145414	Universal-electrode cable, 5-pin DIN plug, 150cm cable	1
FZS-STIM-MF	Module for multifunctional system: finger/toe stimulation electrode with strong loops	1 pair
FZF-STIM-MF	Module for multifunctional system: finger/toe stimulation electrode with soft loops	1 pair
DKA-STIM-MF	Module for multifunctional system: push button adapter	1 pair
KR-KE-MF	Module for multifunctional system: alligator clip	1 pair

The multifunctional system allows the use of various modules. Basis is the module adapter (EMGNH100/200), which can be used as a needle holder. Modules are loop electrodes, push button adapters or alligator clips. Further modules upon request.

KANLGM-1/2


KANLGGND-1/2

KAKRR-KE

KAKRS-KE

KRR-KE/ KRS-KE

KA-EK-DA10/15/20

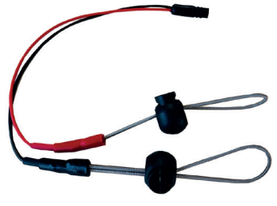
KA-ME-DA15

ADK5POL-1

EMGNH100/200

AD145414

FZS-STIM-MF


FZF-STIM-MF

DKA-STIM-MF

KR-KE-MF

Grounding electrodes

Grounding electrodes are important for good signal quality and to reduce stimulation artefacts.

Article number	Description	PU
ERDBK	Grounding electrode with push button adapter, inelastic, 25cm	1
ERDBE	Grounding electrode with push button adapter, inelastic, 40cm	1
ERDB70	Grounding electrode with push button adapter, inelastic, 70cm	1
ERDBEL25	Grounding electrode with push button adapter, elastic, 25cm	1
ERDBEL40	Grounding electrode with push button adapter, elastic, 40cm	1
ERDBEL70	Grounding electrode with push button adapter, elastic, 70cm	1
ERDBM30	Grounding electrode with push button adapter, metallic, 30cm, fits for: KA-ME-DA15	1
ERDBM40	Grounding electrode with push button adapter, metallic, 40cm, fits for: KA-ME-DA15	1
ERDKE-100	Adhesive grounding electrode single use, 40x48mm, 100cm cable	25
ERDKE-150	Adhesive grounding electrode single use, 40x48mm, 150cm cable	25

Grounding electrode

Grounding electrode metallic

ERDKE-100/150

EMG Nadeln

Die gängisten EMG Nadeln sind konzentrische bipolare Nadeln. Diese sind farbkodiert in unterschiedlichen Dicken und Längen erhältlich.

Artikelnummer	Beschreibung	VPE
EMGNBP-WE	Myoline EMG Einmal-Nadeln, bipol., 20 x 0,35mm, weiß; dazu passt: EMGNH100/200	25
EMGNBP-RO	Myoline EMG Einmal-Nadeln, bipol., 30 x 0,35mm, rot; dazu passt: EMGNH100/200	25
EMGNBP-GRA	Myoline EMG Einmal-Nadeln, bipol., 40 x 0,35mm, grau; dazu passt: EMGNH100/200	25
EMGNBP-GRU	Myoline EMG Einmal-Nadeln, bipol., 50 x 0,35mm, grün; dazu passt: EMGNH100/200	25
EMGNBP	Myoline EMG Einmal-Nadeln, bipol., 40 x 0,45mm, schwarz; dazu passt: EMGNH100/200	25
EMGNBP-GE	Myoline EMG Einmal-Nadeln, bipol., 50 x 0,45mm, gelb; dazu passt: EMGNH100/200	25
EMGNBP-BL	Myoline EMG Einmal-Nadeln, bipol., 60 x 0,50mm, blau; dazu passt: EMGNH100/200	25
EMGNBP-BR	Myoline EMG Einmal-Nadeln, bipol., 70 x 0,60mm, braun; dazu passt: EMGNH100/200	25

Myoline

COMPUMEDICS® alpha trace

Terms & conditions

1. General
1.1. These Terms and Conditions (GTC) apply without exception to all transactions between Compumedics alpha trace medical systems (hereinafter referred to as AT) and end customers (hospitals, general practitioners and other professional users).
1.2. Compumedics alpha trace offers its products and system solutions exclusively to end customers - distribution to trading companies is not intended.
1.3. The following terms and conditions are binding for both parties - changes require written confirmation by AT.

2. Offers
2.1. All offers are non-binding and become binding only upon written order confirmation by AT.

3. Contract conclusion
3.1. Even without justification, AT reserves the right to non-delivery or withdrawal, especially in case of financial risk for AT.
3.2. Customer orders can only be made by fax (01/3677023) or e-mail (office@alphatrace.at) stating the AT article number and article quantity. The minimum single order quantity must correspond to a value of € 50.00, - incl. VAT.
All orders above this value are free of charge in Austria (standard delivery, but not express).
3.3. For delivery obligation of AT, the written order confirmation is decisive.

4. Prices and shipping
4.1. All prices are in Euro per packing unit excl. VAT.
4.2. Standard freight and packaging costs are included in the final price, if the minimum order value is not below € 50.00, - incl. VAT. For orders below € 50.00, - incl. VAT, shipping charges of € 6.90, - are charged (for shipping in Austria).
4.3. Goods shipment is at the risk of the customer. The shipping method is chosen by AT.
4.4. With goods transfer to the forwarding company, the risk is transferred to the customer. E.g. express delivery is offered upon request - addtional costs have to be covered by the customer.
4.5. Advance deliveries and partial deliveries are carried out upon request and invoiced.

5. Retention of title
5.1. The goods remain ATs property until complete fulfillment of all claims of AT against the purchaser.
5.2. The customer must not copy, edit, further develop programs or release programs. Software updates by the customer are not allowed.

6. Terms of payment
6.1. The standard terms of payment are as follows: 30 days net, 14 days 2% discount. Deviating agreements require the written confirmation by AT.

7. Liability, warranty and defects
7.1. A warranty case does not entitle the purchaser to fail to fulfill his contractual obligation. Complaints must be made in writing within 7 days after receipt of goods. The liability for defects does not relate to natural wear and tear. A claim for conversion does not exist for the customer. The warranty of all accessories is 3 months. In the case of timely and justified complaint, AT will compensate or repair.
7.2. For consumables, the customer has a right of return within 14 days after delivery of the goods, if this has previously been agreed in writing. Further prerequisites are that the goods are originally packed, undamaged, neither labeled nor pasted and the customer specifies a return reason.
7.3. The goods must be returned to AT within the specified period at the expense and risk of the customer.
7.4. The customer undertakes to examine the object of performance immediately after delivery and to claim any defects in the event of other loss of his claims without delay in writing and with a detailed description of the defect.
7.5. The warranty is provided primarily by improvement or replacement of the item within a reasonable period of time during normal business hours. AT has the right to vote.
7.6. Warranty claims expire if services of AT have been modified, supplemented or repaired by third parties or by the customer himself.
7.7. The warranty period for new products is 12 months.
7.8. There is no warranty for damage caused by external influences, wear parts or other parts subject to normal wear and tear. There is no guarantee for improper use, normal wear and tear, failed service and failure to observe error messages.

8. Jurisdiction
Exclusive place of jurisdiction is Vienna.

9. Business data
Compumedics alpha trace GmbH
Ruthgasse 19/1, 1190 Vienna
VAT: ATU18376102 / issue 02/2023

COMPUMEDICS®

alpha trace