



ANGIO+MED

Pioneering Minimally Invasive Surgery

PRODUCT CATALOGUE NEURO



TruScan[®] EEG

EEG / EP / LTM | SYSTEM



ADVANCED CLINICAL EEG SYSTEM

Deymed
DIAGNOSTIC

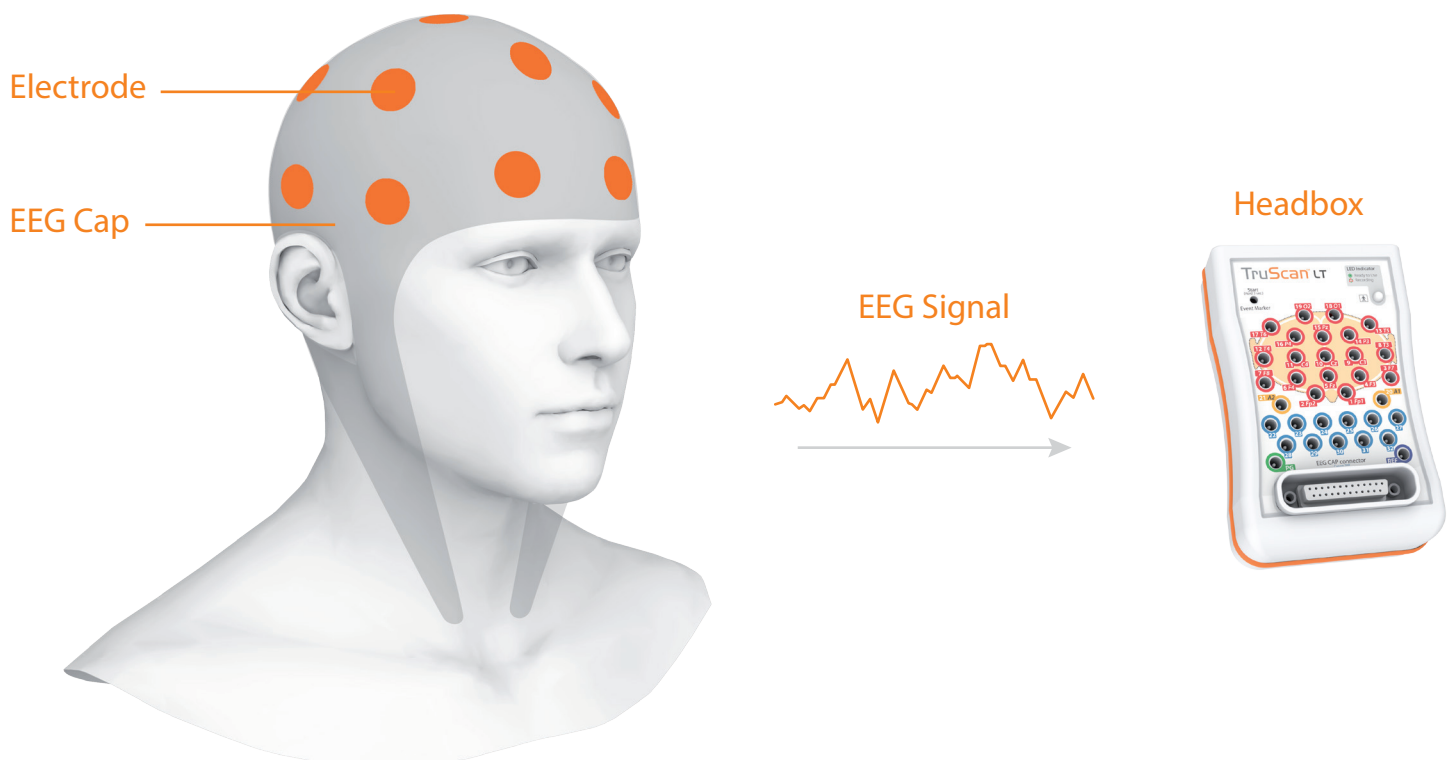


What is EEG?

Electroencephalography (EEG) is non-invasive method to record electrical activity of the brain. Electrodes are placed along the scalp, usually according to the standard placement 10/20 or 10/10. EEG measures voltage fluctuations resulting from ionic current within the neurons of the brain. Clinically, EEG refers to the recording of the brain's spontaneous electrical activity over a period of time, as recorded from multiple electrodes placed on the scalp.

EEG is most often used to diagnose epilepsy, which causes abnormalities in EEG readings. It is also used to diagnose sleep disorders, depth of anesthesia, coma, encephalopathies, and brain death. EEG is valuable tool for research and diagnosis. It is one of the few mobile techniques available and offers millisecond-range temporal resolution which is not possible with CT, PET or MRI.

Derivatives of the EEG technique include evoked potentials (EP), which involves averaging the EEG activity time-locked to the presentation of a stimulus of some sort (TMS stimulation, visual, somatosensory, or auditory).





Advantages of TruScan EEG

Deymed manufactures reliable and high-quality neurodiagnostic and neurocare systems. Our goal is to advance the Neurology and Neurophysiology fields to new heights with engineering innovation. All Deymed Neurocare systems are designed for ease-of-use and durability with advanced features that simplify your work.



Battery Operated

Offering the highest signal quality possible and lasting months on a single charge, Deymed systems significantly reduce artifacts and outside noise by running 100% on batteries.



Wireless Use

In wireless mode the amplifier can record for up to 20 hours on a single charge. Wireless range of 100 meters from the base system for maximum patient comfort and freedom to move.



Intelligent Charging

Deymed's new ultra-low capacitance induction charging keeps the batteries full when the system is not in use. This ensures the highest quality signal is possible with full battery operation during sensitive neurophysiology tests.



Optical Isolation

Optical isolation greatly improves signal quality and patient safety. This feature combined with long-lasting battery operation, offers the best-in-class technology for neurophysiological recordings.



Click N' Go System

Easily detach your system from the cart with a single click and be on-the-go with a laptop. You are no longer forced to choose between a hospital cart or a portable system. You can now have both in one.



Always on Impedance

Always-on impedance monitoring displays impedances during recording and has alerts to ensure electrodes are in-range at all times. The values are saved to the EEG file for post quality-assurance review.



HD Network Camera with PTZ

Full HD network video camera that already compresses the video in the camera, so no internal capture card is required, which minimizes the hardware requirements on the PC. Video can be streamed via a UDP viewer station for up to four EEG/Video stations on a single screen.

LED Photo-stim Lamp

Powerful photic stimulation lamp with two switchable colors, red and white. The red light makes it possible to use special glasses that greatly eliminates the flash for the operator and gives more options for evoking a seizure. The red light has a mean wavelength of 660nm and white with a color temperature of 6500K.

Intelligent Charger

The Intelligent charging is built into the rotating metal arm with the holder for the headbox. It charges the headbox batteries via inductive charging, ie without direct contact, which maintains the optical isolation and safety benefits of battery operation as well as allowing the headbox batteries to be charged when not in use.

Isolation Power Supply

Medical grade built-in Isolation Transformer that meets the highest medical safety standards. On/off switch with LED indicators for status. Non-patient Grounding plug included on side.

IR Night Lamp

High-power IR lamp that can light up the entire room with in-direct positioning, ie by pointing the lamp at the ceiling and letting the light bounce off the walls, so the light source is not visible to the patient.

Advanced HD Video HUB

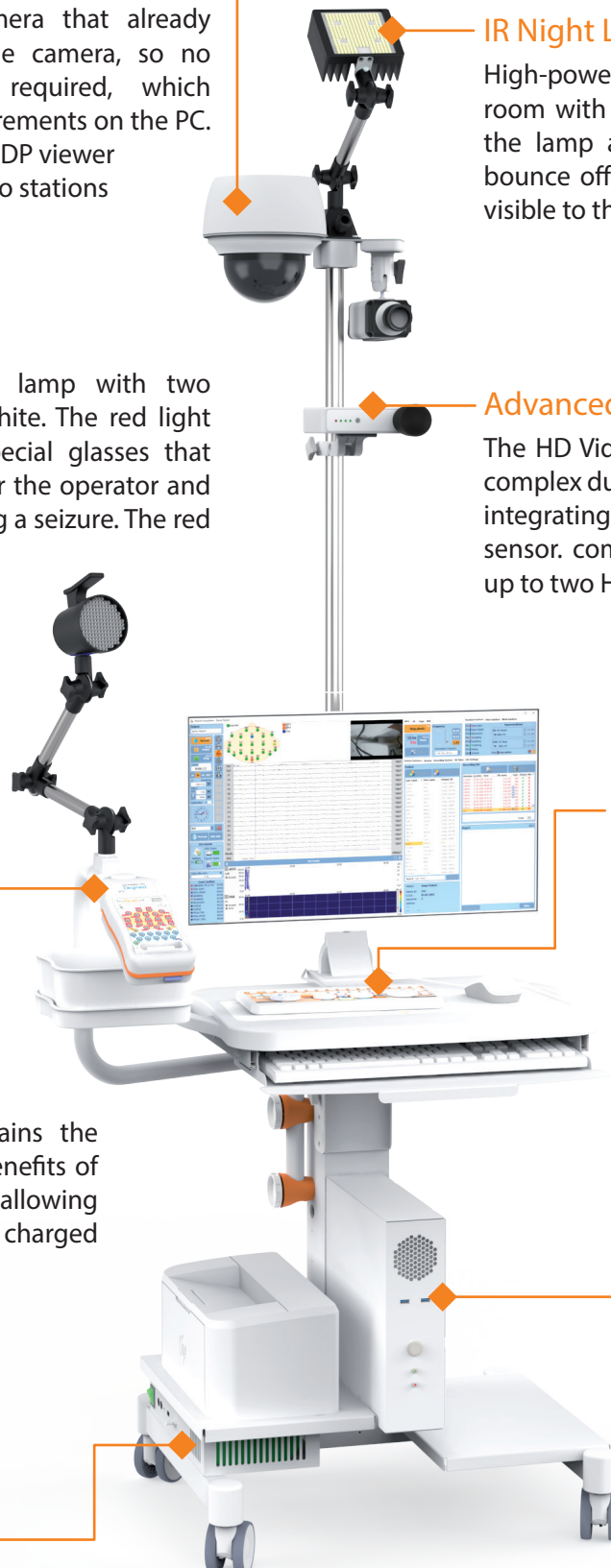
The HD Video Hub greatly simplifies a typically complex dual-video and audio capture, as well as integrating an microphone and ambient light sensor. combines and synchronizes video from up to two HD or SD camera sources.

TruScan Explorer Keyboard

A unique innovation in the EEG field, the TruScan Explorer Keyboard was developed to speed up and streamline the review of EEG recordings with video. Ergonomically-designed buttons include all common features available on one click, minimizing the need for complex use of the mouse.

Powerful and Silent PC

The Deymed integrated computer is optimized for use in healthcare. Thanks to the absence of a cooling fan, the system runs virtually silent, allowing the exam room to be undisturbed.





FlexiCart LTM

Includes FlexiCart with integrated computer and photostim, with 24ch, 32ch or 2x32ch EEG headboxes connected to a USB adapter and two HD camera's and infra-red lamp.



FlexiCart with Satellite Trolley-photo-stim

Includes computer with FlexiTrolley, Satellite Trolley with photo-stim, 24ch, 32ch or 2x32ch EEG headboxes connected to a USB adapter.



FlexiCart w/photo-stim

Includes FlexiCart with silent computer and photo-stim, with 24ch, 32ch or 2x32ch EEG headboxes connected to a USB adapter.



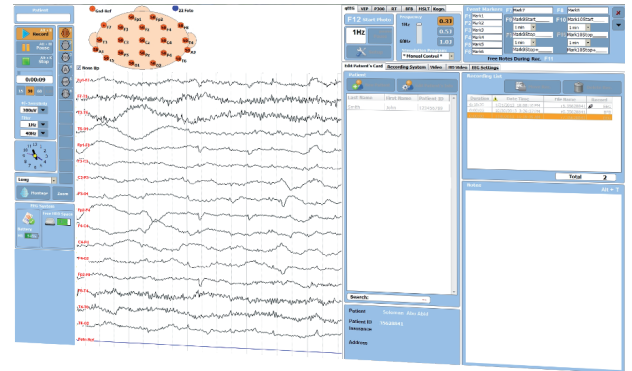
Portable

Includes laptop with 24ch, 32ch or 2x32ch EEG headboxes connected to the USB adapter.

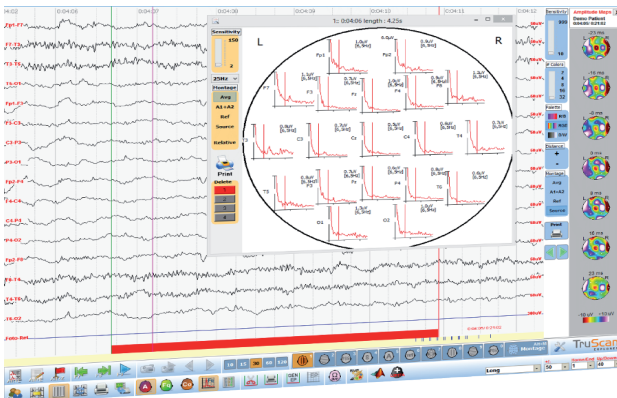


TruScan Acquisition

- Intuitive Dashboard interface
- Pre-set text markers for quick insert
- Integrated patient database and HL7 (optional)
- On-screen always-on impedance monitor
- Visual drag and drop custom montage creation
- View live data and review data with split screen
- Programmable photo-stim setup with pre-sets
- EP and Neurofeedback modules
- Patient remote alarm and event trigger
- Live HD video display



TruScan Explorer



- Full set of review tools including Brain Mapping
- Export EEG with included viewer to flash drive
- Interpretation editor with custom text pre-sets
- Database with un-interpreted To-Do list
- Full search and sortable patient list
- EDF, LORETA, Matlab and Excel output of data
- Spectral Analysis overlay of multiple segments
- Common controls via TruScan control keyboard
- Synchronized frame by frame video with EEG
- EP epoch generator with full post-analysis

HD Video Monitoring

- HD PTZ camera for close-up and full view
- Side-by-side dual view capture
- Video trimming to save hard disk space
- Clear night time view with Infra-red lamp
- Adjust light sensitivity for Day / Night detection
- High quality MPEG-4 (h.264) video
- Remote Network HD video / EEG Viewer
- Multi-room monitoring (4 beds per viewer)
- Mounts to wall or Hospital cart for portability
- Wide-band microphone with high sensitivity





TruScan RS / LT Wireless

The TruScan LT Wireless EEG system can be used for Ambulatory, Wireless, Long Term Monitoring and standard clinical use.

Connected or Ambulatory Mode: In Connected or Ambulatory mode, the TruScan LT system can record up to 45 hours and TruScan RS up to 90 hours on a single charge.

Wireless Mode: In Wireless mode, the TruScan LT system can record for up to 30 hours and TruScan RS up to 40 hours on a single charge.

The TruScan LT has a wireless range of 100 meters from the base system. With additional wireless signal extenders this range can be extended to 300+ meters.

When a patient is out of wireless range, the TruScan Headbox will continue to record to internal memory and will automatically re-sync the backup data when the patient comes back into the wireless communication range.



TruScan LT - 24, 32, 64, 128, 256

Numbers of single electrode connectors depends on headbox

1x Easy connect Cap connector

Online Impedance Check

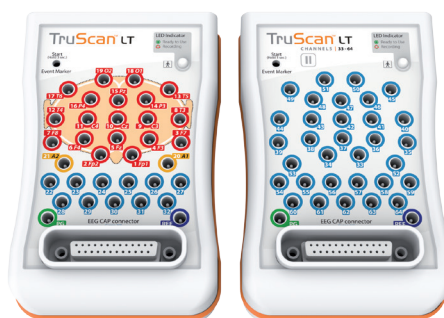
Battery operated - removable batteries

Optional Holter recording to SD card

Compact dimensions 90 x 47 x 140 mm



32ch



64ch



24ch

SomniPro® ((PSG))

PSG / EEG / LTM | SYSTEM



Multi-Use WIRELESS PSG/EEG SYSTEM

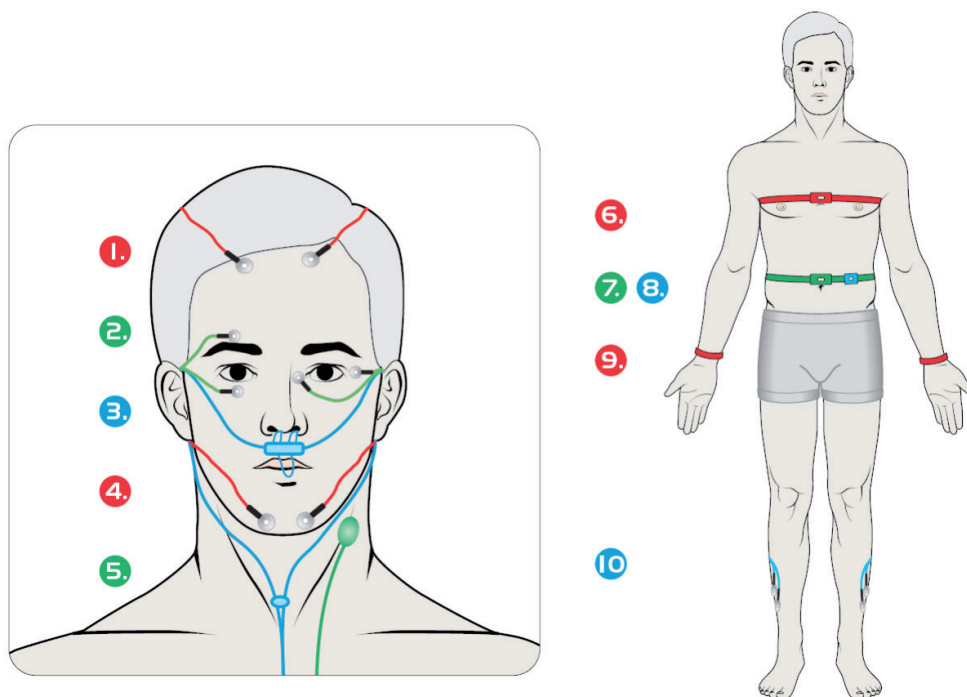
Deymed
DIAGNOSTIC



What is PSG?

Polysomnography is multi-parametric test used in the study of sleep and as a diagnostic tool in sleep medicine. The test result is called a polysomnogram, also abbreviated PSG.

Video-EEG polysomnography is a technique combining polysomnography and video-recording, which has been described to be even more effective than only polysomnography for the evaluation of some sleep troubles such as parasomnias, because it allows to more easily correlate EEG signals, polysomnography and behaviors.



1. EEG electrodes
2. EOG electrodes
3. Airflow
4. Chin
5. Snore
6. Thorax
7. Abdomen
8. Body
9. ECG
10. LEG

Headbox





Advantages of SomniPro PSG

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Wireless Use

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Intelligent Charging

Deymed's new ultra-low capacitance induction charging keeps the batteries full when the headbox is connected to system. This ensures the highest quality signal is possible with full battery operation during sensitive neurophysiology tests.



Optical Isolation

Optical isolation greatly improves signal quality and patient safety. This feature combined with long-lasting battery operation, offers the best-in-class technology for neurophysiological recordings.



High Sample Rates

Designed with Digital Signal Processor technology, Deymed systems can sample at very high sample rates while changing any parameter on the fly digitally. DSP offers numerous advantages over standard analog processing.



Always on Impedance

Always-on impedance monitoring displays impedances during recording and has alerts to ensure electrodes are in-range at all times. The values are saved to the EEG file for post quality-assurance review.



HD Network Camera with PTZ

Full HD network video camera that already compresses the video in the camera, so no internal capture card is required, which minimizes the hardware requirements on the PC. Video can be streamed via a UDP viewer station for up to four EEG/Video stations on a single screen.

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SomniPro Explorer Keyboard

A unique innovation in the PSG/EEG field, the SomniPro Explorer Keyboard was developed to speed up and streamline the review of PSG recordings with video. Ergonomically-designed buttons include all common features available on one click, minimizing the need for complex use of the mouse.

Isolation Power Supply

Medical grade built-in Isolation Transformer that meets the highest medical safety standards. On/off switch with LED indicators for status. Non-patient Grounding plug included on side.

IR Night Lamp

High-power IR lamp that can light up the entire room with in-direct positioning, ie by pointing the lamp at the ceiling and letting the light bounce off the walls, so the light source is not visible to the patient.

LED Photo-stim Lamp

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Intelligent Headbox Charger. The Intelligent charging is built into the rotating metal arm with the holder for the headbox. It charges the headbox batteries via inductive charging, ie without direct contact, which maintains the optical isolation and safety benefits of battery operation as well as allowing the headbox batteries to be charged when the headbox is connected to system.

Powerful and Silent PC

The Deymed integrated computer is optimized for use in healthcare. Thanks to the absence of a cooling fan, the system runs virtually silent, allowing the exam room to be undisturbed.





FlexiCart PSG Video

FlexiCart with integrated computer and one PSG headbox connected via USB adapter along with dual video monitoring and infra-red lamp.



FlexiTrolley and PSG

Computer and FlexiTrolley with one PSG headbox connected via USB adapter and camera wall mount kit for dual camera.

Portable

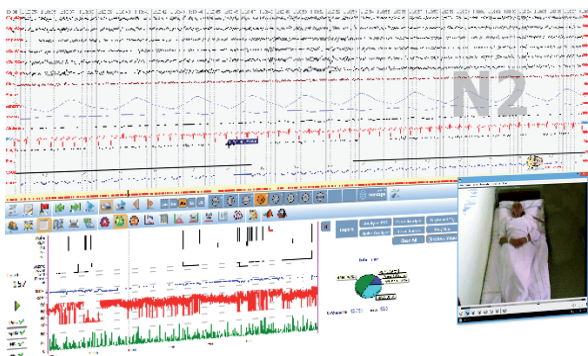
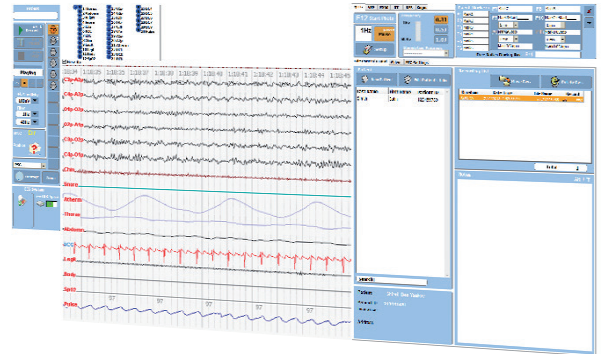
Includes laptop with 24ch, 32ch or 2x32ch EEG headboxes connected to the USB adapter.





SomniPro Acquisition

- Configure and Acquire any PSG or PSG/EEG configuration
- View all channels plus body position and SpO2 values
- Montage editor built-in
- Quick pre-sets for easy use
- Video view with PTZ camera control

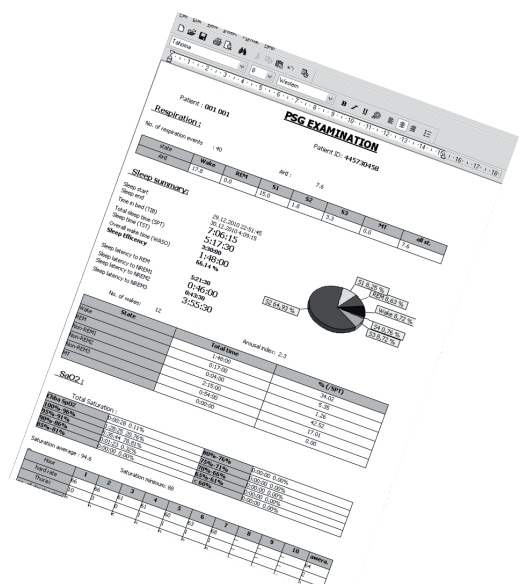


SomniPro Explorer

- Full PSG/EEG review features
- Sleep Stage Scoring according to AASM Rules
- Various report templates (customizable)
- Works with Quick-Score PSG keyboard
- Montage Editor
- Data Export to EDF+ and other formats

Customizable Report Generator

Create full clinical PSG reports with customization of any recorded parameters including calculations for AHI and RDI.



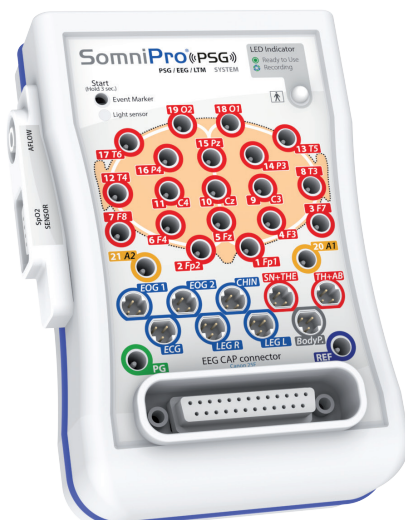


SomniPro RS / LT Wireless

- 24 Ref EEG
- 8 Differential ExG (for flow & snore, breathing effort - RIP, EMG, ECG etc.)
- Pressure
- 3D sensor (position/activity)
- SpO2 (pulse rate, plethysmogram)
- Ambient light
- Patient marker

SomniPro RS Wireless

SomniPro RS is designed more for portable use. Thanks to the channels located on the side of the headbox, the electrodes can be comfortably connected when the headbox is placed on or beside a patient's body.



SomniPro LT Wireless

SomniPro LT is designed for cart use when the headbox is connected to a cart - thanks to the channels located on the top of the headbox.

TruTrace[®] EMG

NCS / EMG / EP | SYSTEM



MODERN CLINICAL EMG SYSTEM

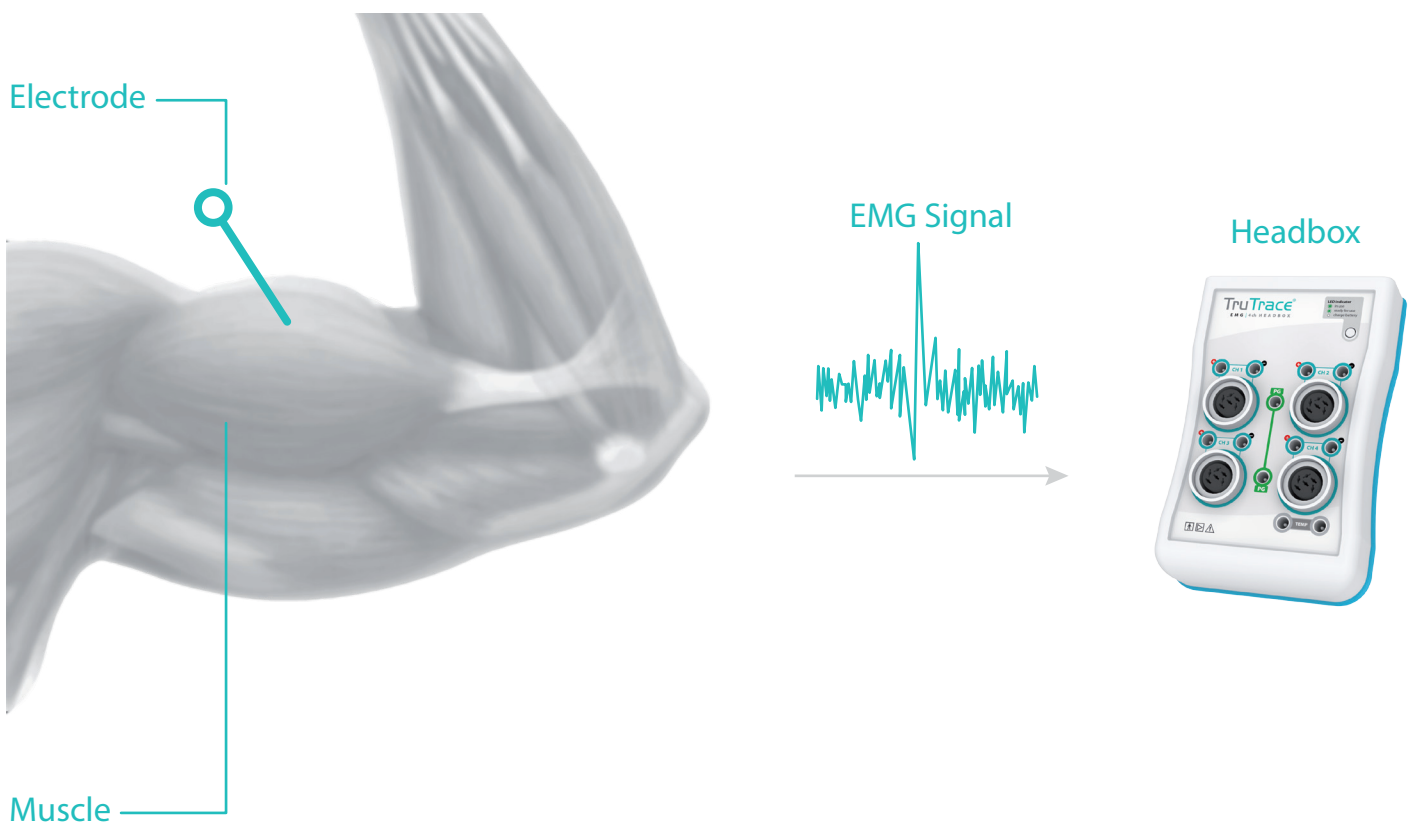
Deymed
DIAGNOSTIC



What is EMG?

EMG (Electromyography) is used in electrodiagnostic medicine for evaluating and recording the electrical activity produced by skeletal muscles. EMG testing has a variety of clinical applications. EMG is used as a diagnostics tool for identifying neuromuscular diseases and disorders of motor control. EMG signals are sometimes used to guide botulinum toxin or phenol injections into muscles.

EMG detects the electric potential generated by muscle cells when these cells are electrically or neurologically activated. The signals can be analyzed to detect medical abnormalities, activation level, or recruitment order, or to analyze the biomechanics of human or animal movement.





Advantages of TruTrace EMG

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Click N' Go System

Easily detach your system from the cart with a single click and be on-the-go with a laptop. You are no longer forced to choose between a hospital cart or a portable system. You can now have both in one.



Optical Isolation

Optical isolation greatly improves signal quality and patient safety. This feature combined with long-lasting battery operation, offers the best-in-class technology for neurophysiological recordings.



Intelligent Charging

Deymed's new ultra-low capacitance induction charging keeps the batteries full when the headbox is connected to system. This ensures the highest quality signal is possible with full battery operation during sensitive neurophysiology tests.



High Sample Rates

Designed with Digital Signal Processor technology, Deymed systems can sample at very high rates. Parameters can be changed on the fly. DSP offers numerous advantages over standard analog processing.



Combine with EEG

The TruTrace family can be integrated seamlessly with TruScan EEG.

Intelligent Charger

Intelligent Headbox Charger. The Intelligent charging is built into the rotating metal arm with the holder for the headbox. It charges the headbox batteries via inductive charging, ie without direct contact, which maintains the optical isolation and safety benefits of battery operation as well as allowing the headbox batteries to be charged the headbox is connected to system.

Electric Height Adjustable Cart

Option that can change height of the Cart with a push of a button.

Accessories Basket

On the arm of the headbox holder there is a removable container basket that can be used to keep recording supplies or other needed materials for the operation of the device.

TruTrace EMG Keyboard

The dedicated keyboard dramatically improves the speed and comfort of acquiring and reviewing EMG data by eliminating tiresome overuse of a mouse. The dedicated keyboard includes all standard EMG controls and almost all on-screen settings are available at the click of a button. Two large scroll-wheels allow for ease of control for sensitivity, scrolling and stimulator intensity settings.

Mouse Tray

Extending the workspace of the main desk.

Powerful and Silent PC

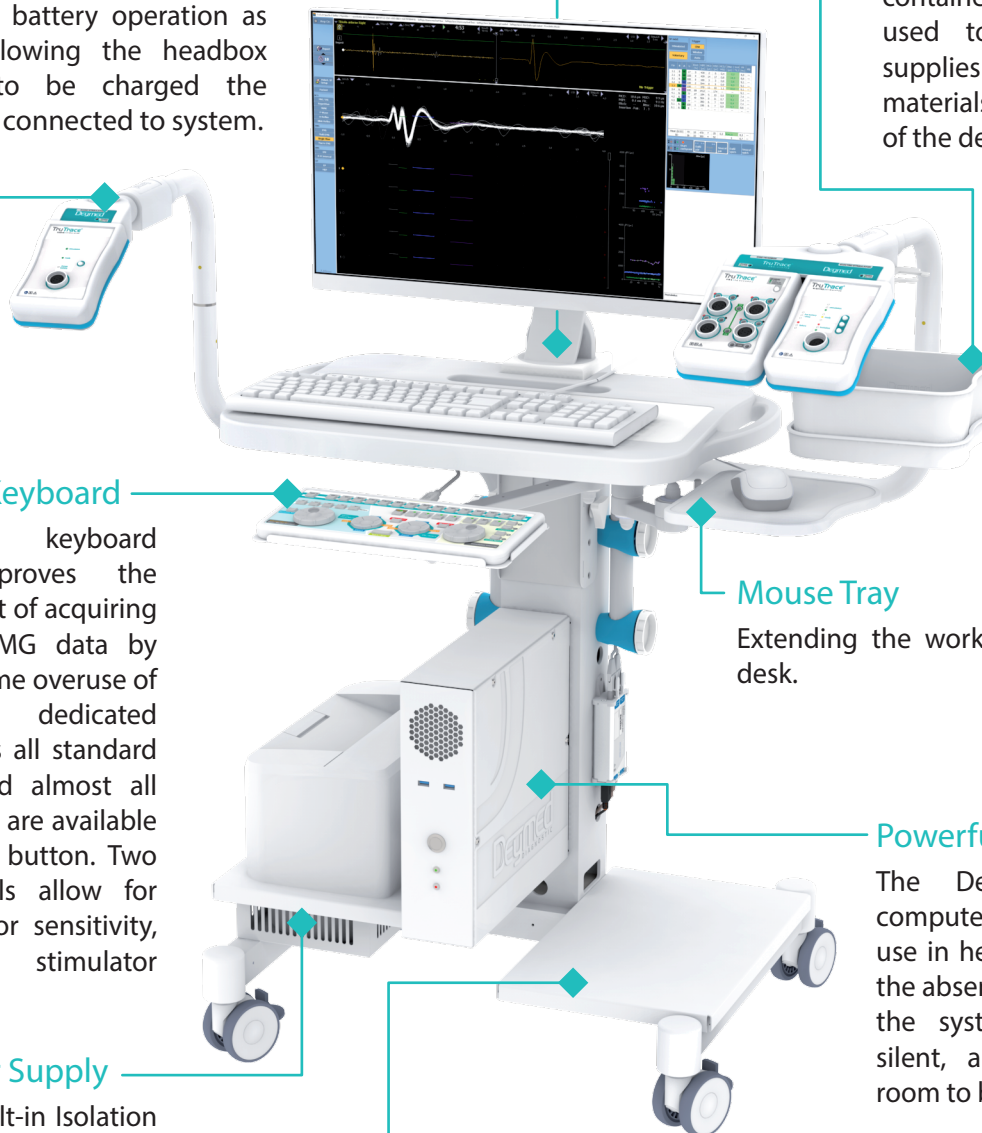
The Deymed integrated computer is optimized for use in healthcare. Thanks to the absence of a cooling fan, the system runs virtually silent, allowing the exam room to be undisturbed.

Isolation Power Supply

Medical grade built-in Isolation Transformer that meets the highest medical safety standards. On/off switch with LED indicators for status. Non-patient Grounding plug included on side.

Special developed Cart

Designed with robustness and space in mind, the carts small overall footprint, integral headbox arm and large easy roll wheels means the TruTrace EMG is designed to fit into the most demanding of environments.





TruTrace FlexiCart

FlexiCart with integrated computer and up to two Amplifier or Stimulator Headboxes.



TruTrace Traveler

Laptop and Traveler with click-and-go function for Amplifier and Stimulator Headboxes.

TruTrace Traveler

The TruTrace Traveler can be a stand-alone system or as an accessory to your Hospital Cart configuration due to the Click-and-Go portability of Deymed's battery powered headboxes.

Speaker for EMG Signal Sound

Connectors

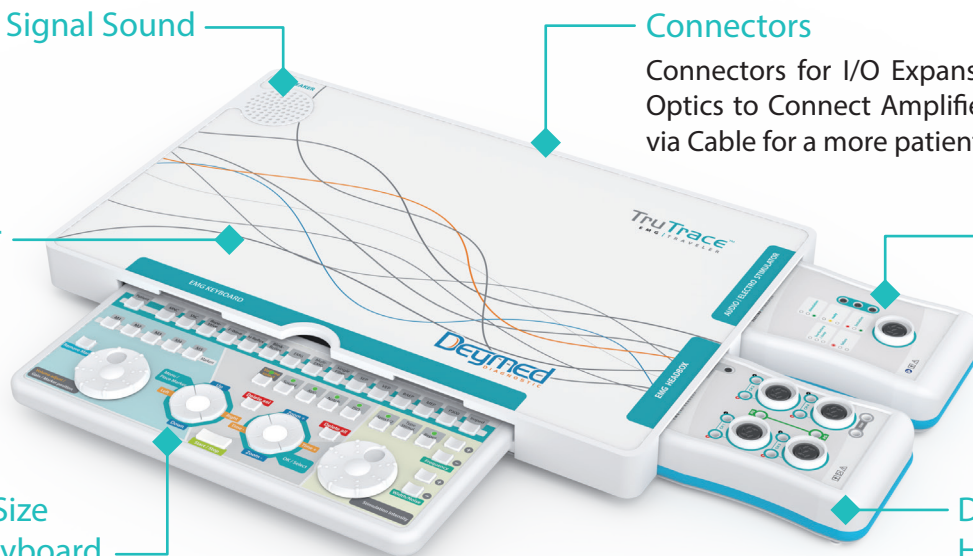
Connectors for I/O Expansion and External Optics to Connect Amplifier and Stimulators via Cable for a more patient-centric approach.

TruTrace Traveler

Electro/Audio Stimulator

Retractable Full Size TruTrace EMG Keyboard

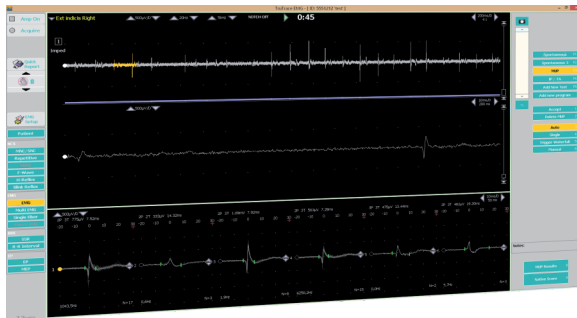
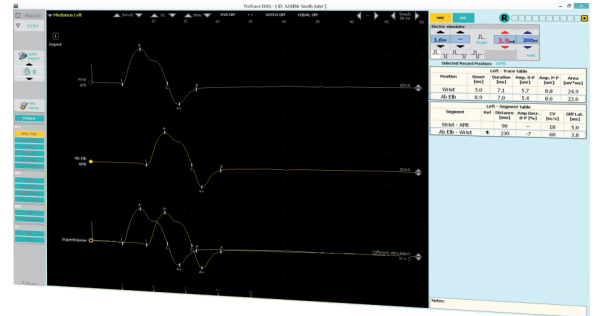
Detachable EMG Headbox 2/4/8





MNC, SNC, F, H & Repetitive Studies

- Automatic cursor placement
- Left vs Right comparisons
- On-the-fly changes to test protocol
- Live signal monitor for artifact detection
- Unlimited re-test & return to previous study
- Overlay channel for quick comparison
- Mixed-mode for custom combinations
- Single screen setup for all parameters

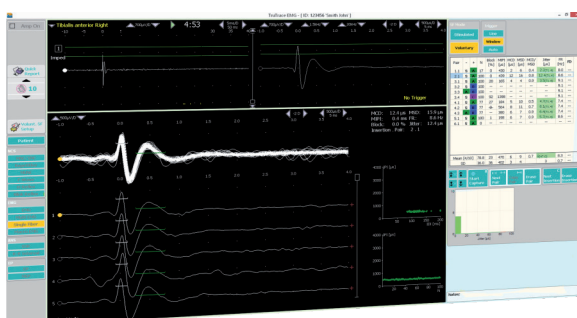
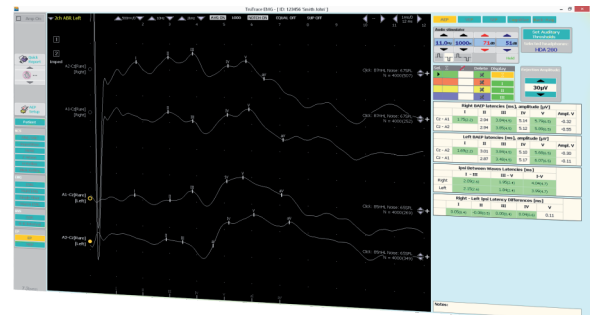


Needle EMG & MUP

- Free running or Triggered EMG
- LiveScroll Playback with audio (up to 1 hour)
- Muscle scoring table with quick entry
- Cascade, Stack or Continuous view modes
- Online Multi-MUP for faster categorization
- High resolution view for multiple channels
- Single Motor Unit Analysis
- Turns/Amplitude analysis
- Detailed or Quick Summary Report

Evoked Potentials

- AEP, VEP, P300, SEP, MEP, ERG
- Custom protocol setup
- Auto Superimpose by side, channel or set
- Back-averaging
- Drag signals up and down via mouse
- Post re-filtering of any test
- Advanced artifact rejection algorithm
- Averaging bins for multiple trials
- Reject runs from average on one or all channels



Single Fiber

- Voluntary or Stimulated
- Peak or voltage crossing detection
- Concentric or SF needle options
- Single screen capture and review for ease of use
- Color coded capture for multiple pairs and compare
- Normative values for individual and group
- Fiber Density scoring
- Playback and re-capture of any recorded signal



TruTrace EMG 2ch, 4ch Headbox

Each channel offers 5pin DIN connector (that also includes pin for Patient Ground and shielding) or individual Active and Reference 1.5 mm Touch-Proof connector. Additionally, includes Patient Ground and Temperature probe Connectors.



2ch Headbox

The most affordable for standard NCS tests.



4ch Headbox

The most common option with 4ch to facilitate an array of EMG investigations.



TruTrace EMG 8ch Headbox

More flexible solution. Includes 3 x 5pin DIN connector (that also includes pin for Patient Ground and shielding) and 8 x individual Active and Reference 1.5 mm Touch-Proof connector. Additionally, Patient Ground and Temperature probe TP connector.

16ch Headbox option combines two 8ch amplifiers. Second amplifier includes customized label with channel 9 to 16.



TruTrace EMG 4ch, 8ch EP Headbox

Designed especially for EP examination. Hardware interchangeable reference and active electrodes for simple configuration. Two EP amplifiers can be combined for 16ch.

Stimulators



Audio

Click, Tone or Pop and programmable audio stimulator. To connect variety of headsets (including in-ear).



Electro

Compatible with variety of stimulation electrodes including Deymed HandyStim for in-hand programmable controls.



Dual-Electro

For configuring advance protocols or convenience of using multiple stimulation positions without need of reconnection.

CATALOGUE OF **ACCESSORIES 2019**



Deymed
LABORATORY

An aerial photograph of a forest with trees in vibrant autumn colors of red, orange, and yellow. A diagonal, semi-transparent grey band runs from the top right towards the bottom left, serving as a background for the text.

ABOUT US

The company was founded in 1997 and its first product was developing a 32 channel EEG device which was completed and sold in 1998. In the following years additional neurology products have been developed including EMG, PSG and TMS devices. The initial sales were to the Czech Republic but soon thereafter were offered in international markets. Due to the high level of innovation and modern design of the products, Deymed has become an established worldwide leader in Neurology for both clinical and research applications.

Therapeutic devices have also been a significant part of the product portfolio including EEG Biofeedback and repetitive magnetic stimulators for depression. Deymed strives to continuously improve on and advance their products in a way that brings new possibilities to its users. High signal quality, ease of use, portability and reliability are the hallmarks of Deymed systems.

TruScan[®] EEG

EEG/EP/LTM | SYSTEM



EEG Accessories

EEG Recording Caps

FlexiCAP for Adult / Child

Electrodes placed according to the standard 10-20, and also contain the reference and ground electrode. All wires on outside of cap.

Infant FlexiCAP with 9 el. includes F1, F2, C3, C4, O1, O2, T3, T4, Cz + PG & REF.

Sizes	Head circumference			Number of electrodes				
	Min (cm)	Max (cm)		9	21	32	64	128
Large	59	63	PN:		62-330	62-535	62-530	62-580
Medium	55	59			62-320	62-525	62-520	62-570
Small	51	55			62-310	62-515	62-510	62-560
Extra Small	47	51			62-300	62-505		
Infant IC3	43	47		62-225	62-220			
Infant IC2	39	43		62-215	62-210			
Infant IC1	32	39		62-205	62-200			



FlexiCAP Pro for TMS

Removable electrodes with low profile and special design for use with TMS system. Separate electrodes for PG + REF included.

Sizes	Head circumference			Number of electrodes				
	Min (cm)	Max (cm)		19	32	64	128	256
Large	59	63	PN:	62-407	62-403	62-412	62-422	62-432
Medium	55	59		62-406	62-402	62-411	62-421	62-431
Small	51	55		62-405	62-401	62-410	62-420	
Extra Small	47	51		62-404	62-400			



EEG Recording Cap Deymed G1

First Generation EEG cap (wires inside). Electrodes placed according to the standard 10-20, and also contain the REF and PG electrode.



Size	Color	Qty	P/N
47-51 cm	green	1	62-000
51-55 cm	yellow	1	62-010
55-59 cm	red	1	62-020
59-63 cm	blue	1	62-030

Recording Cap Accessories

Body Harnesses Deymed

Adjustable elastic band that fastens around the patient's chest, to hold the EEG Cap securely in place.



Size	Color	Qty	P/N
50 cm	yellow	1	64-000
80 cm	red	1	64-010
120 cm	blue	1	64-020

Disposable Sponge Discs for EEG Caps

Foam with adhesive backing used on the forehead or on any other hairless areas.



Color	Qty	P/N
white	1 pck (100 pcs)	90-800

Set for application of Gel

Contains 20 ml syringe and 4 x sterilizable plastic blunted needles for application of EEG gel.



Qty	P/N
1 set	45-515

Blunted Plastic Needles

Set of blunted plastic needles for the application of EEG gel. Blunted needles are especially children friendly due to colorful plastic materials.



Description	Color	Qty	P/N
Single-use	yellow	1 pck (50 pcs)	91-055
Reusable (Sterilizable)	orange	1 pck (10 pcs)	91-060

Quick Insert Electrode

The Quick Insert Electrode is a temporary electrode which will override the cap wiring in the event of a faulty electrode during a test. A Quick Insert Electrode may be placed into the mount of the faulty electrode and connected directly to the EEG machine until the cap can be properly repaired.



Lead Length	Qty	P/N
150 cm	1	63-300

Headbox Safety Ribbon Cable for Cap Connection

Wear & Tear Ribbon Cable connects the recording cap and headbox. (ribbon reduces wear on headbox).

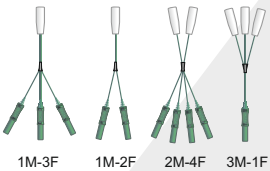
Lead Length	Qty	P/N
10 cm	1	45-600
50 cm	1	45-650
100 cm	1	45-700
150 cm	1	45-800



Splitters and Y-Connector

Connector with the Touch-Proof 1.5 mm from male (M) to female (F).

Type	P/N	Type	P/N
1M-3F	63-500	1M-4F	63-522
1M-2F	63-510	1M-5F	63-523
2M-1F	63-512	2M-2F	63-525
2M-4F	63-520	3M-1F	63-530



Recording Paste and Gel

Electroconductive Gel

Recording gel specifically formulated to lower skin impedance.

Size	Qty	P/N
500 ml	1	68-000
1000 ml	1	68-005
3850 ml	1	68-010



Abrasive Gel Nuprep

Nuprep Skin Prep Gel effectively lowers impedance to improve your tracings. Its mild abrasive formula improves conductivity and helps achieve maximum efficiency with an EEG recording.

Size	Qty	P/N
118 ml	1	90-600



Conductive Paste

Paste helps with adhesiveness and conductivity, enabling the electrodes to remain in place while allowing the transmittance of electrical signals.



Description	Size	Qty	P/N
Ten20	228 g	1	90-500
Ten20	114 g	1	90-510



EC2 Conductive paste	100 g	1	90-610
Elefix Conductive paste	400 g	1	90-620

CapKleen Cleaning Detergent

Mild cleaning detergent used to clean EEG recording caps.



Size	Qty	P/N
750 ml	1	68-101

Recording Electrodes

Pair of Ear Electrodes Sn (Tin)

Features a DIN connector and is compatible with all recording gels.
Cable is 1.5 meters long. 1.5 mm Touch-Proof connector.



Color	Qty	P/N
white	1 pair	63-100
yellow	1 pair	63-101
green	1 pair	63-102
blue	1 pair	63-103
red	1 pair	63-104

Adhesive Electrode Pads

Fixing pads for cup electrodes 100 pack.

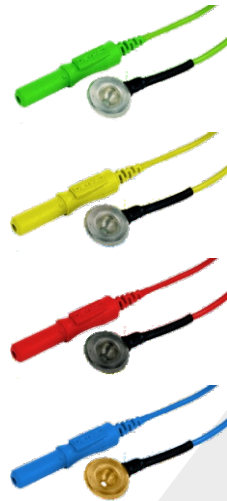


Color	Qty	P/N
white	1 pck (100 pcs)	90-810

Deymed Disc Electrode with Touch-Proof Connector

Reusable EEG recording electrode. Cable is 1.5 meters long, 1.5 mm TP connector.

Material	Color	Qty	P/N
Sn (Tin)	mix	5	63-005
Sn (Tin)	mix	10	63-006
Sn (Tin)	mix	25	63-007
Ag (Silver)	mix	5	63-015
Ag (Silver)	mix	10	63-016
Ag (Silver)	mix	25	63-017
Ag/AgCl	mix	5	63-025
Ag/AgCl	mix	10	63-026
Ag/AgCl	mix	25	63-027
Au (Gold plated) mix		5	63-035
Au (Gold plated) mix		10	63-036
Au (Gold plated) mix		25	63-037



ECG Clips Electrode Ag-AgCl or Sn

Connector Touch-Proof 1.5 mm, Cable is 1.5 meters long.

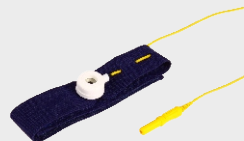
Material	Color	Qty	P/N
Sn	red	1	63-450
Sn	yellow	1	63-451
Sn	black	1	63-452
Ag-AgCl	red	1	63-455
Ag-AgCl	yellow	1	63-456
Ag-AgCl	black	1	63-457



ECG Wrist Electrode Clips Sn (Tin)

A strap is wrapped around the patients wrist and attached with velcro.

Material	Color	Qty	P/N
Sn (Tin)	red	1	63-400
Sn (Tin)	yellow	1	63-401



TruTrace[®] EMG

NCS/EMG/EP | SYSTEM



Deymed Stimulation / Recording Electrodes

Bar Electrode

Made from stainless steel, shielded 2 m long cable, 5 pin DIN with removable handle. Cathode position is indicated by dot.

Description	Use	Qty	P/N
30 mm spacing	<i>Rec only</i>	1	67-100
23 mm spacing	<i>Rec only</i>	1	67-110
30 mm spacing	<i>Stim only</i>	1	67-102
23 mm spacing	<i>Stim only</i>	1	67-112



Bipolar Electrode

Made from stainless steel, Shielded, 2 m long cable, 23 mm spacing, 5 pin DIN with removable handle. Cathode position is indicated by dot.

Description	Use	Qty	P/N
23 mm spacing	<i>Stim only</i>	1	67-151



Bipolar Felt Pad Stimulation Electrode

Shielded, 2 m long cable, 5 pin DIN with removable handle.

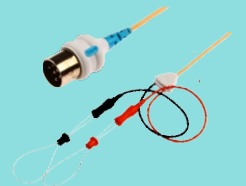
Description	Use	Qty	P/N
23 mm spacing	<i>Stim only</i>	1	67-202
10 mm spacing	<i>Stim only</i>	1	67-210
Felt Pads for Bipolar Electrode		1 pck (10 pcs)	67-205



Digital Ring Electrode

Used for sensory nerve stimulation or recording. Shielded: 1 m cable, 5 pin DIN connector.

Description	Use	Qty	P/N
Ring Electrode	<i>Rec only</i>	1	97-200
Ring Electrode	<i>Stim only</i>	1	97-210



Surface Pickup Recording Electrode

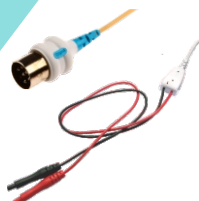
Reusable stainless steel electrodes for surface recording, shielded: 1 m long cable, 5 pin DIN connector.

Description	Use	Qty	P/N
2 x metal disc	<i>Rec only</i>	1	67-300



Recording Cable (2 lead) for Disposable Surface Electrodes

Shielded cable with 5 pin DIN connector, with 2 x 0.7 mm TPC.



Cable Length	Use	Qty	P/N
2 m	<i>Rec only</i>	1	97-100
1 m	<i>Rec only</i>	1	97-110
1.5 m	<i>Rec only</i>	1	97-120

Recording Cable (3 lead) for Disposable Surface Electrode

Shielded cable with 5 pin DIN connector, with 3 x 0.7 mm TPC.



Cable Length	Use	Qty	P/N
2 m	<i>Rec only</i>	1	97-105

Alligator Clip (2 lead) Recording Cable for Adhesive Tab Electrodes

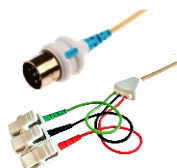
Shielded cable with 5 pin DIN connector, with 2 x Alligator clip.



Cable Length	Use	Qty	P/N
1 m	<i>Rec only</i>	1	67-400
2 m	<i>Rec only</i>	1	67-410

Alligator Clip (3 lead) Recording Cable for Adhesive Tab Electrodes

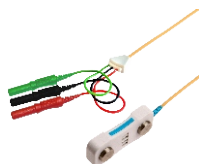
Shielded cable with 5 pin DIN connector, with 3 x Alligator clip.



Cable Length	Use	Qty	P/N
1 m	<i>Rec only</i>	1	67-405
2 m	<i>Rec only</i>	1	67-415

Bar Electrode

Cable with 30 mm spacing - TP connector with removable handle.



Description	Use	Qty	P/N
2 x TP connector	<i>Rec only</i>	1	67-103
3 x TP connector	<i>Rec only</i>	1	67-105

Pre-gelled Disposable Surface Electrodes

Tab Electrodes for use with Alligator Clips

Easy to reposition Ag-AgCl pre-gelled tab electrodes that don't leave a gel residue.

Description	Qty	P/N
Kendall	1 pck (100 pcs)	97-504



Self-Adhesive Disposable Electrode

Material Ag-AgCl, 0.7 mm TPC.

Description	Qty	P/N
Friendship	1 pck (12 pcs)	97-153
Dantec	1 pck (12 pcs)	97-000



Deymed Ground electrodes

Wrap Around „Plus“ Ground Electrode

Cable length 1 or 2 m, 1.5 mm TP connector.

w/ 1 m Cable	P/N	w/ 2 m Cable	P/N
1.5 x 25 cm	97-300	1.5 x 25 cm	97-302
1.5 x 40 cm	97-310	1.5 x 40 cm	97-312
1.5 x 70 cm	97-320	1.5 x 70 cm	97-322

w/o Cable	P/N	Just Cable	P/N
1.5 x 25 cm	97-301	1 m	97-316
1.5 x 40 cm	97-311	2 m	97-318
1.5 x 70 cm	97-323		



Reusable Grounding Plate

1.5 m long green wire, 1.5 mm Touch-Proof connector.

Description	Qty	P/N
Steel	1	97-505

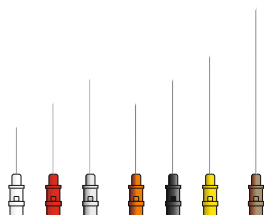


Technomed DCN Electrode



Size	Color	Qty	P/N
25 x 0.30 mm	red	1pck (25 pcs)	96-633
25 x 0.40 mm	yellow	1pck (25 pcs)	96-643
37 x 0.45 mm	green	1pck (25 pcs)	96-673
50 x 0.45 mm	blue	1pck (25 pcs)	96-683
75 x 0.60 mm	purple	1pck (25 pcs)	96-693

SpesMedica DCN Electrode



Size	Color	Qty	P/N
25 x 0.30 mm	purple	1pck (25 pcs)	96-771
30 x 0.35 mm	red	1pck (25 pcs)	96-801
40 x 0.35 mm	gray	1pck (25 pcs)	96-811
30 x 0.45 mm	orange	1pck (25 pcs)	96-831
40 x 0.45 mm	black	1pck (25 pcs)	96-841
50 x 0.45 mm	yellow	1pck (25 pcs)	96-851
75 x 0.60 mm	brown	1pck (25 pcs)	96-871

Friendship DCN Electrode



Size	Color	Qty	P/N
25 x 0.30 mm	orange	1pck (25 pcs)	97-606
25 x 0.35 mm	green	1pck (25 pcs)	97-616
38 x 0.45 mm	blue	1pck (25 pcs)	97-626
50 x 0.50 mm	red	1pck (25 pcs)	97-636
75 x 0.65 mm	yellow	1pck (25 pcs)	97-646

Cables for ACN / DCN Electrodes

Cable for Reusable and Disposable Concentric Needle Electrodes

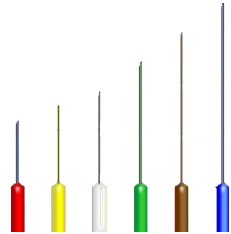


Description	Lead Length	Qty	P/N
Technomed	1.25 m	1	96-606
SpesMedica	1 m	1	96-885
Friendship	1 m	1	97-665
Friendship	2 m	1	97-660

ACN Electrodes

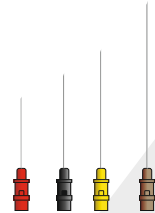
Technomed ACN Electrodes

Size	Color	Qty	P/N
20 x 0.40 mm	red	1	96-710
25 x 0.30 mm	yellow	1	96-720
30 x 0.40 mm	white	1	96-730
40 x 0.50 mm	green	1	96-740
50 x 0.45 mm	brown	1	96-750
60 x 0.60 mm	blue	1	96-760



SpesMedica ACN Electrode

Size	Color	Qty	P/N
30 x 0.35 mm	red	1	96-920
40 x 0.45 mm	black	1	96-960
50 x 0.45 mm	yellow	1	96-970
75 x 0.60 mm	brown	1	96-990



Disposable Monopolar Needle Electrodes

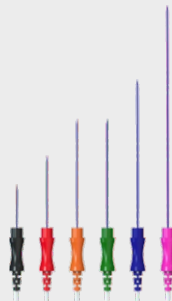
Technomed Disposable Monopolar Needle Electrodes

Size	Color	Qty	P/N
25 x 0.35 mm	red	1pck (25 pcs)	96-250
25 x 0.45 mm	yellow	1pck (25 pcs)	96-255
37 x 0.35 mm	orange	1pck (25 pcs)	96-260
37 x 0.45 mm	green	1pck (25 pcs)	96-265
50 x 0.45 mm	blue	1pck (25 pcs)	96-270
75 x 0.45 mm	purple	1pck (25 pcs)	96-275



SpesMedica Disposable Monopolar Needle Electrodes

Size	Color	Qty	P/N
15 x 0.35 mm	black	1pck (25 pcs)	96-280
25 x 0.35 mm	red	1pck (25 pcs)	96-281
37 x 0.35 mm	orange	1pck (25 pcs)	96-282
37 x 0.45 mm	green	1pck (25 pcs)	96-283
50 x 0.45 mm	blue	1pck (25 pcs)	96-284
75 x 0.45 mm	purple	1pck (25 pcs)	96-285



Sterilized Disposable Needles for application of Botulinum Toxin

Technomed Sterilized Disposable Needles for application of Botulinum Toxin



Size	Color	Qty	P/N
25 x 0.30 mm	red	1pck (10 pcs)	96-200
25 x 0.45 mm	yellow	1pck (10 pcs)	96-205
37 x 0.40 mm	orange	1pck (10 pcs)	96-210
37 x 0.45 mm	green	1pck (10 pcs)	96-215
50 x 0.50 mm	blue	1pck (10 pcs)	96-220
75 x 0.70 mm	purple	1pck (10 pcs)	96-225

SpesMedica Sterilized Disposable Needles for application of Botulinum Toxin



Size	Color	Qty	P/N
25 x 0.30 mm	blue	1pck (10 pcs)	96-400
25 x 0.40 mm	green	1pck (10 pcs)	96-405
37 x 0.45 mm	fuchsia	1pck (10 pcs)	96-410
50 x 0.50 mm	white	1pck (10 pcs)	96-415
75 x 0.45 mm	red	1pck (10 pcs)	96-420

Friendship Sterilized Disposable Needles for application of Botulinum Toxin



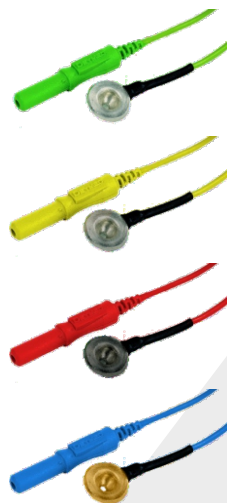
Size	Color	Qty	P/N
25 x 0.30 mm	orange	1pck (15 pcs)	96-240
25 x 0.45 mm	green	1pck (15 pcs)	96-241
37 x 0.40 mm	purple	1pck (15 pcs)	96-242
37 x 0.45 mm	blue	1pck (15 pcs)	96-243
50 x 0.50 mm	red	1pck (15 pcs)	96-244
75 x 0.70 mm	yellow	1pck (15 pcs)	96-245

Deymed Recording Electrodes

Deymed Disc Electrode with Touch-Proof Connector

Reusable EEG recording electrode. Cable is 1.5 meters long, 1.5 mm TP connector.

Material	Color	Qty	P/N
Sn (Tin)	mix	5	63-005
Sn (Tin)	mix	10	63-006
Sn (Tin)	mix	25	63-007
Ag (Silver)	mix	5	63-015
Ag (Silver)	mix	10	63-016
Ag (Silver)	mix	25	63-017
Ag/AgCl	mix	5	63-025
Ag/AgCl	mix	10	63-026
Ag/AgCl	mix	25	63-027
Au (Gold plated) mix		5	63-035
Au (Gold plated) mix		10	63-036
Au (Gold plated) mix		25	63-037



Adhesive Electrode Pads

Fixing pads for cup electrodes 100 pack.

Color	Qty	P/N
white	1 pck (100 pcs)	90-810



Recording Paste and Gel

Abrasive Gel Nuprep

Cleaning gel for the preparation of the skin 118 ml.



Size	Qty	P/N
118 ml	1	90-600

Conductive Paste

The right balance of adhesiveness and conductivity, enabling the electrodes to remain in place while allowing the transmittance of electrical signals.



Description	Size	Qty	P/N
Ten20	228 g	1	90-500
Ten20	114 g	1	90-510

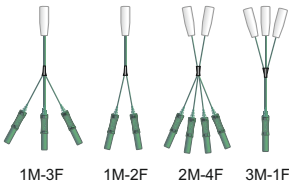


Ec2 Conductive paste	100 g	1	90-610
Elefix Conductive paste	400 g	1	90-620

Deymed Splitter Electrodes

Splitters and Y-Connector

Connector with the Touch-Proof 1,5 mm from male (M) to female (F).



Type	P/N	Type	P/N
1M-3F	63-500	1M-4F	63-522
1M-2F	63-510	1M-5F	63-523
2M-1F	63-512	2M-2F	63-525
2M-4F	63-520	3M-1F	63-530

EMG Thermometer

TruTrace Skin Temperature Probe

For use with TruTrace EMG to measure skin temperature in NCS recordings.

Description	Qty	P/N
Therm	1	43-730



Other

Reduction 2 x Touch-Proof M to 5 pin DIN M

Reduction adapter to allow Touch-Proof cables to be used with TruTrace Electrical Stimulator

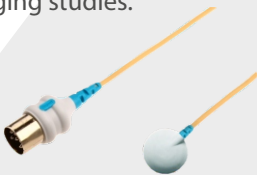
Description	Qty	P/N
2 x TP to 5 DIN	1	63-535



Tremor Sensor

Active MEMS accelerometer for use in Tremor or Back Averaging studies.

Description	Qty	P/N
Accelerometer	1	43-745



SomniPro® ((PSG))

PSG/EEG/LTM | SYSTEM



PSG Accessories

Pressure Monitoring Cannula

Cannulas provide flexible, narrow tubing to increase overall accuracy of the pressure flow signals. Designed for patient comfort.

Description	Qty	P/N
7 Ft adult	1	69-145
7 Ft pediatric	1	69-146



Snoring Detection Microphone

This durable and low profile microphone offers a wide frequency range, and sensitivity to other respiratory sounds besides snoring.

Description	Qty	P/N
2 x TP connector	1	69-120



Body Position DC System

Using a gravity switch, the Body Position Sensor provides a signal that is directly proportional to the patients sleeping posture (supine, prone, left, right or sitting). Velcro tab mounts to an included belt.

Description	Qty	P/N
2 x TP connector	1	69-130



Airflow Thermocouple

Stay-put Prongs position the sensors precisely in airflow path while an adjustable loop wraps around the head to keep unit in place.

Description	Size	Qty	P/N
2 x TP connector	Children	1	69-140
2 x TP connector	Adult	1	69-141



Respiratory Inductive Plethysmography Belt

Machine washable, sterilizable, autoclavable RIP belt. 1 pck (2 pcs)



Size	P/N	Size	P/N
Neonatal	69-200	Adult L	69-215
Infant	69-205	Adult XL	69-220
Pediatric	69-210	Adult XXL	69-225

Inductive Interface Cable

Inductive Interface Cables allow you to connect any SleepSense Inductive Belt.



Connector	Description	Qty	P/N
2 x TP connector	Abdomen	1	69-230
2 x TP connector	Thorax	1	69-240

Nonin SpO2 Reusable Sensor

Reusable sensors for patients of many sizes and clinical presentations.



Size	Dimension	Qty	P/N
Small	7.5 - 12.5 mm	1	95-720
Medium	10 - 19 mm	1	95-730
Large	12.5 - 26.5 mm	1	95-740

Nonin Elastic sensor for SpO2

Nonin's PureLight disposable sensors



Description	Size	Qty	P/N
Sensor	Adult	1 pck (24 pcs)	95-600
Sensor	Pediatric	1 pck (24 pcs)	95-610
Flexi-wrap	Adult	1 pck (25 pcs)	95-755
Flexi-wrap	Infant	1 pck (25 pcs)	95-756

Reductions for PSG headbox 3 PIN - TP connectors

Short cables to connect Deymed 3 PIN connector to standard TP connector



Description	P/N	Description	P/N
Bipolar	69-300	Chest belts	69-315
Body Position	69-305	A1 + A2	69-320
Snore + Thermo	69-310		

Set for PSG LT headbox (set of 9 pcs)	69-330
Set for PSG RS headbox (set of 10 pcs)	69-340

DEYMED Products:

The first ever battery power EMG system offering contamination-free nerve conduction and needle EMG examination.



TruTrace[®] EMG
NCS/EMG/EP | SYSTEM

EMG

TruScan[®] EEG
EEG/EP/LTM | SYSTEM



Technically advanced EEG system built for demanding clinical and research use. The system can be configured as a portable, clinical or long term monitoring station.

EEG

rTMS stimulator with advanced therapy, research and diagnostic features.



DuoMAG[™] TMS
MAGNETIC STIMULATION

TMS

BrainFeedback[®] BFB
NEUROFEEDBACK | SYSTEM



Clinical grade Neurofeedback system designed for clinicians wishing to use the highest standard for Neurotherapy.

BFB

All new multi-use wireless SomniPro PSG/EEG system with HD digital video for clinical and research use.



SomniPro[®] PSG
PSG/EEG/LTM | SYSTEM

PSG

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