

eegoTM sports

ultra-mobile eeg & emg recording solution



The total mobility solution.

eego™ sports

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One look and it is clear: with 24-bit resolution, an onboard battery with up to 6-hours of recording time, and weighing in at 500 grams, the compact **eego** amplifier is designed with mobility in mind. **eego** sports offers complete freedom to collect high-density EEG data, bipolar EMG signals, and a variety of physiological sensor data, wherever

and whenever required, with publish quality data in less than 15 minutes!

While small, **eego** sports is highly durable and offers a host of add-ons and modules to meet the needs of nearly every researcher interested in the mechanisms underlying cognitive processes and body motion. Recordings

can be done in nearly any environment on nearly any subject, even world-class athletes at work. Powerful, highly adaptable, and intuitive: **eego** sports is a system for collecting comprehensive and reliable data of body and mind in real-life settings like no other. **eego** sports is the ultimate solution for you!

Always ready for experiments: **eego** sports comes with a light-weight, water-resistant suitcase which can easily be carried around.



Core features & benefits

- Online live EEG and EMG
- Plug & play system with quick set-up times
- High-density recordings with ultra-high signal range
- Available in 4 configurations for recordings of up to 64 referential channels
- Extended pro configurations include EMG and physiological sensors
- Acquisition of up to 24 bipolar channels *optional in pro only*
- Physiological sensors for respiration, temperature, skin conductance and acceleration *available in pro only*
- Artefact protection with the active shielding technology
- Programmable gain
- User-selectable sampling rate up to 2048 Hz
- 8-bit trigger input for ERP studies and synchronization with external devices
- Real-time data access for seamless integration with mind-machine interfaces
- Archive server solution for safe storage, data backup and external media
- Synchronized video recording optional
- The **eego** amplifier is a CE Class IIa medical device



eego™ sports applications



Sport sciences



Real-time data interfaces



Neurorehabilitation



Neuromarketing



Behavioural psychology

eego™ archive server

The **eego** archive server solution is a save-storage option for professional **eego** sports users and allows easy archiving of recordings on a high-capacity hard disc. Using this solution, the **eego** sports ultrabook with its limited storage is kept clean of old recordings and is always ready for new data. **eego** archive server is available for all four **eego** sports systems, as an optional accessory.

Solution options table

system options	eego sports 32	eego sports 32 pro	eego sports 64	eego sports 64 pro
Referential channels Shielded	32	32	64	64
Bipolar channels	-	2	-	2
Auxiliary channels	-	4	-	4
Auxiliary sensor kit Containing sensors for respiration, temperature, skin conductance, acceleration	-	Included	-	Included
Bipolar channel upgrade Unshielded	-	Optional (up to 24)	-	Optional (up to 24)

eego™ sports product range

System components	eego sports 32 ES-230	eego sports 32 pro ES-231	eego sports 64 ES-232	eego sports 64 pro ES-233
eego amplifier	32-channel eego amplifier, 2 kHz, CE Class IIa medical device	32-channel eego amplifier, 2 kHz, CE Class IIa medical device	64-channel eego amplifier, 2 kHz, CE Class IIa medical device	64-channel eego amplifier, 2 kHz, CE Class IIa medical device
eego software recording, review & export	✓	✓	✓	✓
waveguard eeg cap – sizes B, I, C, S, M, L	One 32-channel waveguard cap (free choice of size)	One 32-channel waveguard cap (free choice of size)	One 64-channel waveguard cap (free choice of size)	One 64-channel waveguard cap (free choice of size)
asa pro advanced EEG/ERP analysis	3-month trial	3-month trial	3-month trial	3-month trial
8" Windows 8+ tablet*	✓	✓	✓	✓
eego sports backpack	✓	✓	✓	✓
EEG starter kit	✓	✓	✓	✓
eego sports suitcase	✓	✓	✓	✓
Trigger adapter DB25	✓	✓	✓	✓
Trigger adapter BNC	✓	✓	✓	✓
Sensebox	--	✓	--	✓
Auxiliary sensor kit	--	✓	--	✓
Warranty	eego amplifier: 2 years waveguard cap: 1 year	eego amplifier: 2 years waveguard cap: 1 year	eego amplifier: 2 years waveguard cap: 1 year	eego amplifier: 2 years waveguard cap: 1 year
Support	6 months of free remote support & software updates	6 months of free remote support & software updates	6 months of free remote support & software updates	6 months of free remote support & software updates

* optional exchange for laptop or PC.

To accommodate your research needs and serve you the best we can, an extensive list of available product options and accessories is available upon request as well as additional remote and on-site trainings.

CE eego™ is CE marked as a medical device in the EU, according to MDD 93/42/EEC, class IIa. Outside the EU the system is intended for research and educational purposes only.

waveguard caps are compliant with international standards for use in clinical environments. The caps are CE marked and have a MDL issued by Health Canada. The waveguard caps have been granted Medical Device clearance under FDA 510(k); with exception to the neonatal caps, which are outside the EU and Canada intended for investigational use only.

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Information in this document is subject to change.

www.ant-neuro.com/products/eego_sports