



Price: 56 000 USD (excl. TAX)

multi-modal high-resolution EEG/ERP solution

The new frontier in multimodal brain research. With up to 16 kHz sampling rate, 256 EEG channels and unique software features, eego mylab gives you an unprecedented in-depth understanding of the human brain.

- Plug & play system with quick set-up times for use in clinical as well as research settings
- Available in 4 versions for recordings from 32 to 256 EEG channels
- Offers ultimate flexibility: cascaded systems can be easily split and used as individual (mobile) 64-channel systems*
- Includes a wealth of software features designed for unconstrained and intuitive performance, ranging from practical recording workflow and subject management to an advanced sensor value display
- Online streaming of EEG, impedances and event data via network
- Comes with an input for a seamless and straightforward connection to physiological sensors
- Input for recordings with up to 24 bipolar channels or sensors (per amplifier)
- High-density recordings with programmable high signal range
- The ultra-high input impedance of 1 GOhm results in optimal recording with reduced electrode preparation time
- 24 bit resolution
- The innovative design of **waveguard** EEG caps assures comfortable recordings, ease of use, and short preparation times
- Support for gel-based **waveguard** original and innovative **waveguard** touch dry electrode caps
- Trigger input for ERP studies and synchronization with external devices
- High temporal resolution data thanks to the sampling rate of up to 16 kHz per referential channel (user selectable and independent of channel count)
- Optimal signal quality through active shielding
- Compact and light-weight system with integrated battery for recordings of up to 5 hours
- Free SDK for real-time data access for BCI, neurofeedback and related applications
- Tailored solutions are available upon request

* Contact us for more information.

eego amplifier technical specifications

Core Features & Benefits

Dimensions (w x d x h)	160 x 205 x 22 mm / amplifier
Weight	< 500 gram / amplifier
Number of referential EEG channels	64
Number of bipolar channels	24 / amplifier
Referential input noise	< 1.0 μ V _{RMS} (lowest sampling rate and signal range)
Referential input signal range	150 – 1000 mV _{PP} (programmable gain)
Referential input impedance	> 1 GOhm
Compatible with VR	Yes
Bipolar maximum sampling rate across all referential channels	16384 Hz per referential channel
Resolution	24 bit
Trigger input	8 bit TTL
USB output interface	USB 2.0 compatible, electrically separated