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NORAXON ULTIUM EMG Surface electromyography with myoMUSCLE module (Reconditioned)

- Used,
- Technical condition: very good,
- Visual condition: very good,
- Made in USA,
- Power supply: 230 V,
- Noraxon Ultium EMG - the latest generation device for evaluation and analysis of electrical muscle function using sEMG (surface electromyography). Thanks to SmartLead technology, it allows for a completely new quality of biomechanical measurements. The innovative SmartLead allows functionality from EMG measurement to other biomechanical measurements (e.g.: goniometer, accelerometer, hand squeeze force sensor, pull-push sensors, heart rate, respiration rate) by replacing the measurement "tip",
- Electromyography (EMG) measures muscle response or electrical activity by stimulating a muscle through a nerve. In particular, Surface EMG signals are recorded by non-invasive electrodes and assess muscle function by recording muscle activity from the surface above the muscle on the skin. These EMG signals are becoming increasingly important in many applications, including clinical/biomedical, prostheses and other rehabilitation devices,
- The Noraxon Ultium EMG sensor system is a multimodal device that provides high fidelity data and flexible measurement options. Ultium EMG sensors sample up to 4,000 times per second, synchronize in real time and present low baseline noise (
- The system includes a series of patented SmartLeads that transform the EMG device into a versatile sensor for practically any type of kinesiology data and support full data recovery with Lossless technology. Each Ultium sensor includes a lifetime battery replacement,
- Specifications:
 - EMG sampling frequency: up to 4000 hz,
 - Internal EMG sampling resolution: 24-bit,
 - EMG baseline noise: < 1µv,
 - EMG CMRR: < -100 dB,
 - EMG input impedance: > 100 MΩ,
 - EMG resolution (0 to 5000uv): 0.3uv,
 - EMG resolution (5,000 to 24,000 uv): 1.1uv,
 - EMG high-pass filters: software selectable (5/10/20 Hz),
 - EMG low-pass filters: software selectable (500/1000/1500hz),
 - Electrode impedance test: integrated with sensors,
 - Internal memory: >8 hours of data storage,
 - Analog output: up to 32 available channels,
 - Accelerometer sampling frequency: up to 500 Hz,
 - Full IMU sampling frequency: up to 400 Hz,
- Included:
 - HP Laptop 15-DA0XXX:
 - Intel Core i5-8250U 1.8GHz processor,
 - 8GB RAM,
 - Windows 10 Home 64-bit (PL),
 - Noraxon MR 3 myoMuscle Master Edition 3.12.70 software in English,
 - Ultium Dock,
 - Ultium Receiver,
 - Software license card,
 - 8 pcs sensors + cables,
 - Type 810C adhesive strips,
 - Charger,
 - Power cords,
- Case dimensions: 20 x 51 x 39
- Weight:8 kg,
- Valid technical passport issued,
- Warranty:
 - 6 months for domestic market - Poland,
 - 3 months for the international market,
- Financing option (Poland only): Installments, Leasing, Loan,

If you have any questions, please do not hesitate to contact us!

In case you don't find the product you are interested in, please get in touch with us and we will do our best to find the perfect solution for YOU.

WE SPEAK ENGLISH

HABLAMOS ESPANOL

WIR SPRECHEN DEUTSCH

ON PARLE FRANCAIS

WIJ SPREKEN DUTCH

Мы говорим по русски

Мы говорим по украински

