

OctaMon_{mini}

One-of-a-kind 8-channel
and truly portable
NIRS device



Main applications are found in:

- Brain oxygenation monitoring
- Pediatric studies
- Sports science
- Functional studies
- Cerebral studies



8-channels, truly portable.



Measures oxy-, deoxy-, and
total hemoglobin concentration changes.



OctaMon Mini is especially designed
for pediatric studies.



Utilising the non-invasive NIRS technique.



Perform real-time measurements using Bluetooth.



Analyse your data with our superior
analysis software; Oxysoft.

Interested?

contact us at:

askforinfo@artinis.com

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f
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Einsteinweg 17

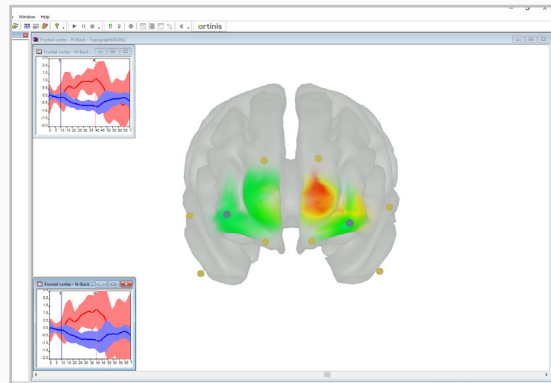
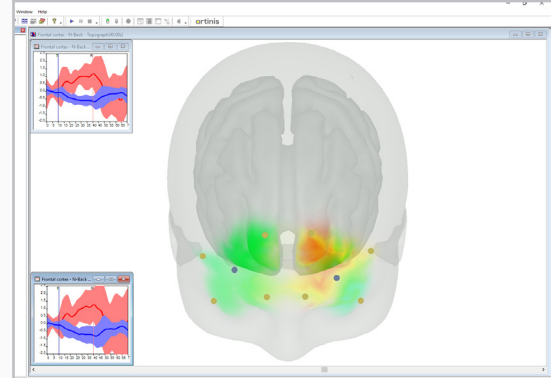
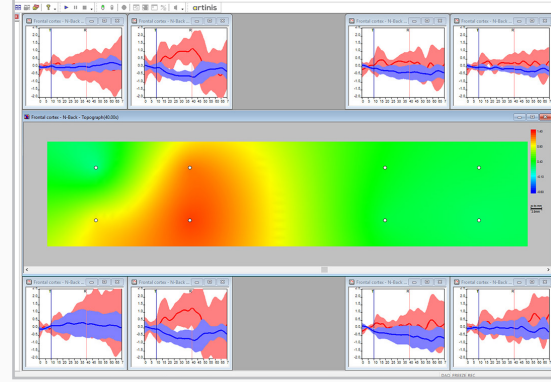
6662 PW Elst

The Netherlands



References to wireless NIRS

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Applications of the OctaMon Mini



Technical Specifications

TECHNOLOGY	Continuous wave near infrared spectroscopy using modified lambert-beer law.
MEASURES	Oxy-deoxy and total hemoglobin.
INDICATIONS	Battery status, Bluetooth connection
DATA ANALYSIS SOFTWARE	Oxysoft
OPERATING SYSTEM	Windows 7,8,10
LIGHT SOURCE	Light emitting diodes: 8x2 wavelengths
CHANNELS	8 channels
WAVELENGTHS	Standard nominal 760 and 850 nm, others possible.
DETECTORS	Photo diode with ambient light protection.
OPTODE DISTANCE	26 mm
POWER	Up to 8 hours with one interchangeable and rechargeable battery.
TOTAL WEIGHT	210 grams including battery.
SIZE	Battery housing: 84x54x20 mm, wire: 1.3 m Headbands available in multiple sizes: XS: (child) 48-50 cm S: 52 cm. For other sizes please contact us.
ENVIRONMENT	Operating temperature: ~ 10-35 °C
INTERFERENCE	No interference with EEG, ECG OR EMG.
OPTIONAL	All devices can be combined with the Portasync.
NOISE	~ 0.001 standard deviation in optical density at a total of ~6 optical densities at a measurement frequency of 10 hz.
ACCESSORIES	The OctaMon Mini can be combined with the Portasync.
NIRS + OTHER MODALITIES	We deliver the following packages: OctaMon Mini + TMSI EMG package (2 channels or more). OctaMon Mini + TMSI EEG package (16 channels or more). OctaMon Mini +Tobii eyetracker.

Quotation?

contact us at:

askforinfo@artinis.com

OctaMon Mini research package

What's in the box?

What's in the box?

- 1x OctaMon Mini
- 1x strong and sturdy Pelicase
- 1x License key
- 1x Bluetooth dongle

Oxysoft, data analysis software

- Batteries and charger
- Neoprene headband
- Dark cloth
- Laptop