

ELMIKO BIOSIGNALS LTD.





**YOUR MIND, YOUR FUTURE.**





## ABOUT

ELMIKO BIOSIGNALS LTD.

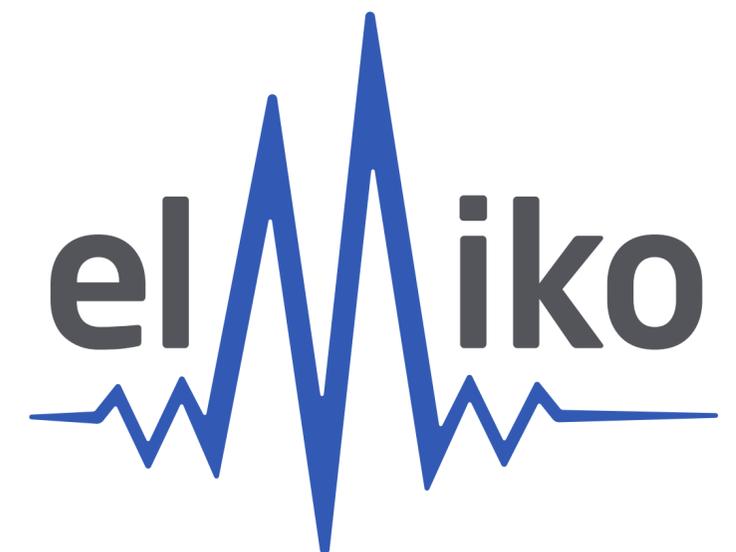
### ELMIKO BIOSIGNALS Ltd.

**Polish company founded in 1978** as a company designing and manufacturing electronic circuits and devices.

For over 45 years we have specialized in the design and **implementation of the latest technologies** in the field of electronics and computer science in medicine.

With years of experience and a **highly qualified team, ELMIKO BIOSIGNALS** is a recognized manufacturer of medical equipment in many markets around the world.

- Around **60 employees** in four different localizations.
- Steady year-by-year **financial growth** .
- Experienced as both **manufacturer and distributor** for top suppliers in medical devices.



# TIMELINE

ELMIKO BIOSIGNALS LTD.

**1978**

ESTABLISHMENT OF A COMPANY UNDER THE NAME ELMIKO



POLAND

**1995**

THE FIRST SALE OF THE DEVICE OF ITS OWN PRODUCTION IN POLAND

**2004**

FIRST COMMERCIAL SALE ABROAD



EGYPT



**2006**

ESTABLISHMENT OF THE AKSON TRAINING CENTER IN MILANÓWEK



MILANÓWEK



**2009**

CERTIFICATION AND START OF SALES OF 2-5 CHANNEL AMPLIFIERS



**2016**

CERTIFICATION AND START OF SALES OF THE EXG-32 AMPLIFIER



POLAND

**1995**

THE FIRST SALE OF THE DEVICE OF ITS OWN PRODUCTION IN POLAND



**2004**

COMPLETION OF THE FIRST CONTRACT FOR THE GREAT ORCHESTRA OF CHRISTMAS CHARITY

WARSAW



WARSAW



**2006**

COMPLETION OF A CONTRACT FOR THE MINISTRY OF EDUCATION



**2015**

LAUNCH OF THE FIRST EU R&D PROJECT

UE



**2023**

ESTABLISHING COOPERATION WITH THE RONALD MACDONALD FOUNDATION AND THE ERBUD FOUNDATION



## OUR OFFER

ELMIKO BIOSIGNALS LTD.



IN THE FIELD OF OWN PRODUCTION,  
THE COMPANY OFFERS:

- **EEG DigiTrack**  
DEVICES FOR NEUROPHYSIOLOGICAL DIAGNOSTICS
- **EEG DigiTrack aEEG/CFM**  
DEVICES FOR LONG-TERM NEUROPHYSIOLOGICAL MONITORING
- **EEG DigiTrack Neurofeedback**  
DEVICES FOR NEUROLOGICAL THERAPY

## MagVenture

TRANSCRANIAL MAGNETIC STIMULATION (TMS)



## CADWELL®

Helping you help others

ELECTROMYOGRAPHY (EMG)  
INTRAOPERATIVE NEUROPHYSIOLOGICAL  
MONITORING (IONM)



## BRAIN PRODUCTS

Solutions for neurophysiological research

EEG FOR RESEARCHERS



HIGH-END MEDICAL EQUIPMENT DISTRIBUTION.

We are proud to be a distributor of **high-end international** medical equipment.

We work with renowned manufacturers to bring **cutting-edge technology** to the healthcare industry.

Our partnerships with **Magventure, Cadwell, and Brainproducts** allow us to offer a range of innovative solutions.



## REGULATORY LANDSCAPE

ELMIKO BIOSIGNALS LTD.

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ELMIKO enacted,  
implemented,  
and certified a quality  
management system  
compliant with  
**EN ISO 13485:2016**



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EEGDigiTrack®  
Electroencephalographs  
comply with  
**Directive 93/42/EEC**  
on Medical Devices



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Approved by  
notified body  
**No. 0197 TÜV Rheinland**  
**LGA Products GmbH**



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EEGDigiTrack®  
system database  
is compliant with  
**the GDPR regulations**

# WE PLACE A STRONG EMPHASIS ON RESEARCH AND DEVELOPMENT (R&D) TO DRIVE INNOVATION AND REMAIN AT THE FOREFRONT OF THE HEALTHCARE INDUSTRY.

SOME KEY POINTS HIGHLIGHTING OUR COMMITMENT TO R&D:



Dedicated **R&D team** makes up one-third of our company.



In recent years, we have successfully completed projects with a **total value of more than \$10 million.**



Developed **AI algorithms for EEG interpretation** and a new **Neurofeedback** method based on the **DMTS paradigm.**



Expanded business to include **veterinary and sports neuroscience** projects.



## STRONG R&D FOCUS

ELMIKO BIOSIGNALS LTD.

WITH A DEDICATED TEAM, SUCCESSFUL PROJECTS, ADVANCED AI ALGORITHMS AND EXPANSION INTO NEW AREAS,  
WE CONTINUE TO DELIVER BREAKTHROUGH SOLUTIONS.

2023



2024

## WHAT IS EEG?

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EXG-32 AMPLIFIER

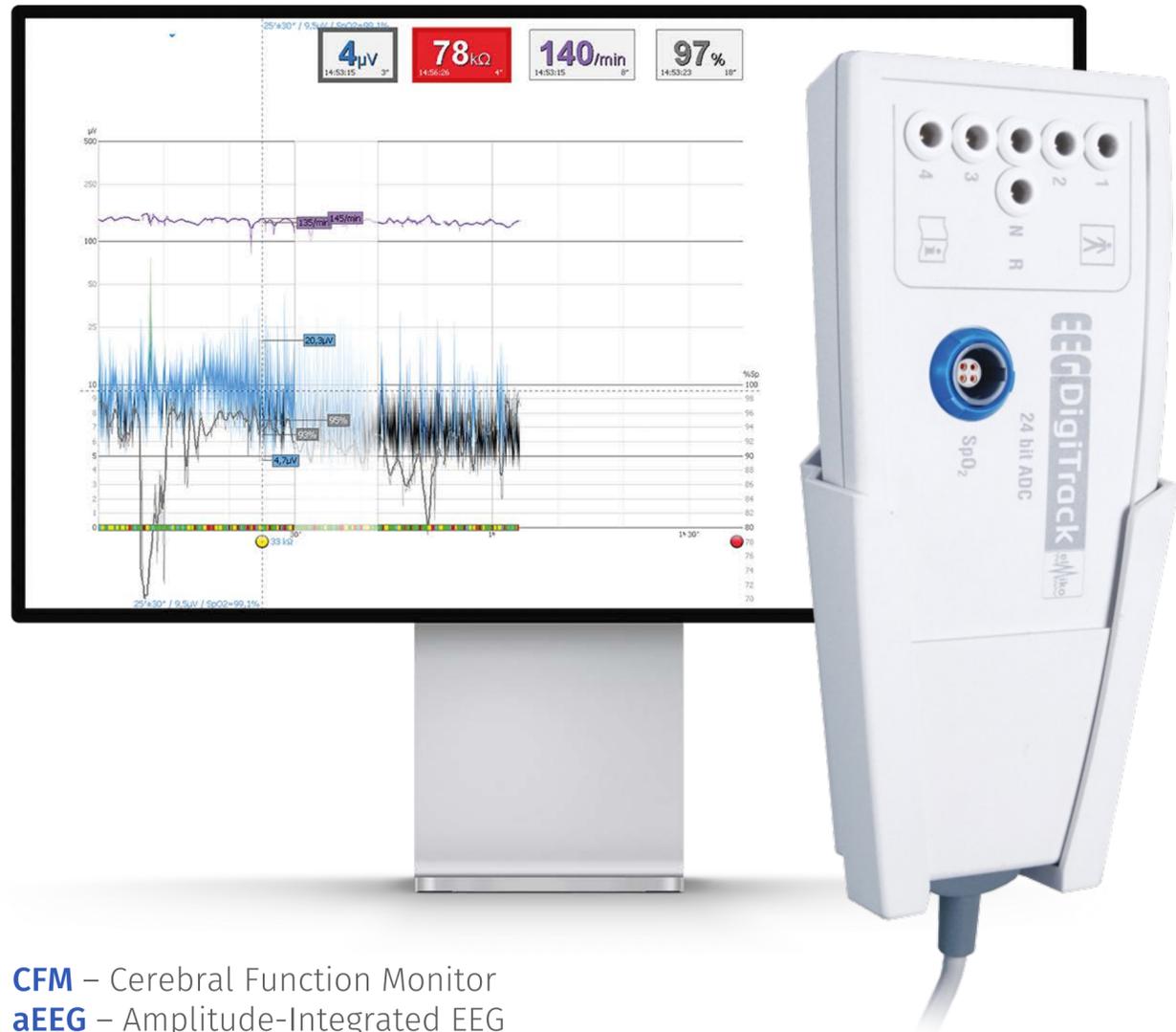
ELECTROENCEPHALOGRAPHY IS A NON-INVASIVE DIAGNOSTIC METHOD MEASURING AND RECORDING BRAIN'S ELECTRICAL ACTIVITY.

Assists in the diagnosis and management of **epilepsy, sleep disorders, and other neurological conditions** through electrode placement on the scalp.

**Safe, painless, and suitable** for patients of all ages.

# WHAT IS CFM/aEEG?

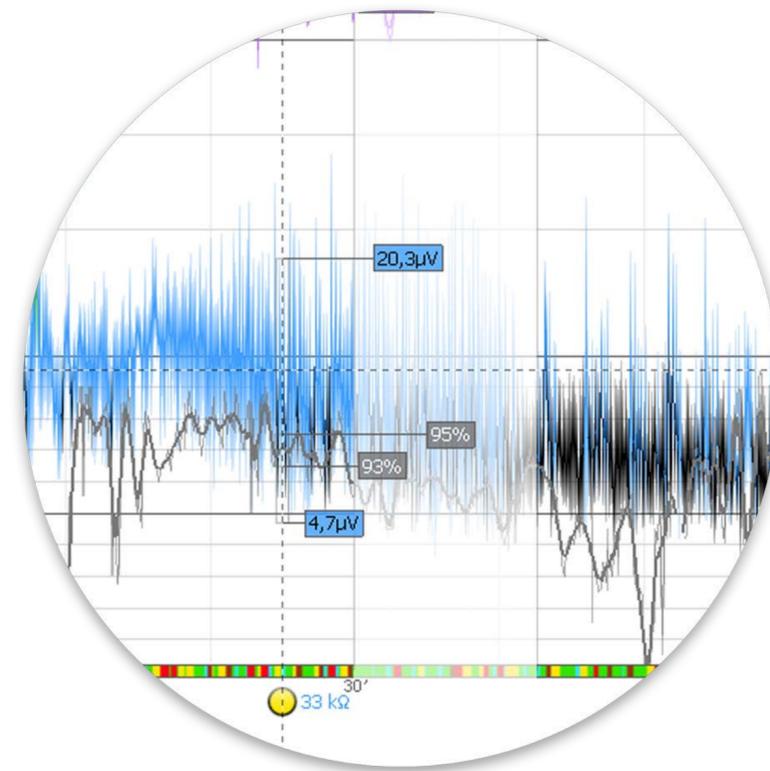
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**CFM** – Cerebral Function Monitor  
**aEEG** – Amplitude-Integrated EEG

5 CHANNELS EEG AMPLIFIER

AMPLITUDE-INTEGRATED EEG (aEEG) EXAMINATION IS A LONG-TERM MONITORING OF THE BRAIN'S ELECTRICAL ACTIVITY IN A COMPRESSED FORM OF CONVENTIONAL REAL-TIME EEG THAT DISPLAYS THE EEG SIGNAL AS A CFM/aEEG TREND.



## WHAT IS NEUROFEEDBACK?

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NEUROFEEDBACK IS A BIOFEEDBACK THERAPY BASED ON VISUALIZING THE BIOELECTRICAL ACTIVITY OF THE BRAIN.

It is a therapeutic method that allows **self-regulation of one's own brain waves** by receiving feedback on the current state of brain function.



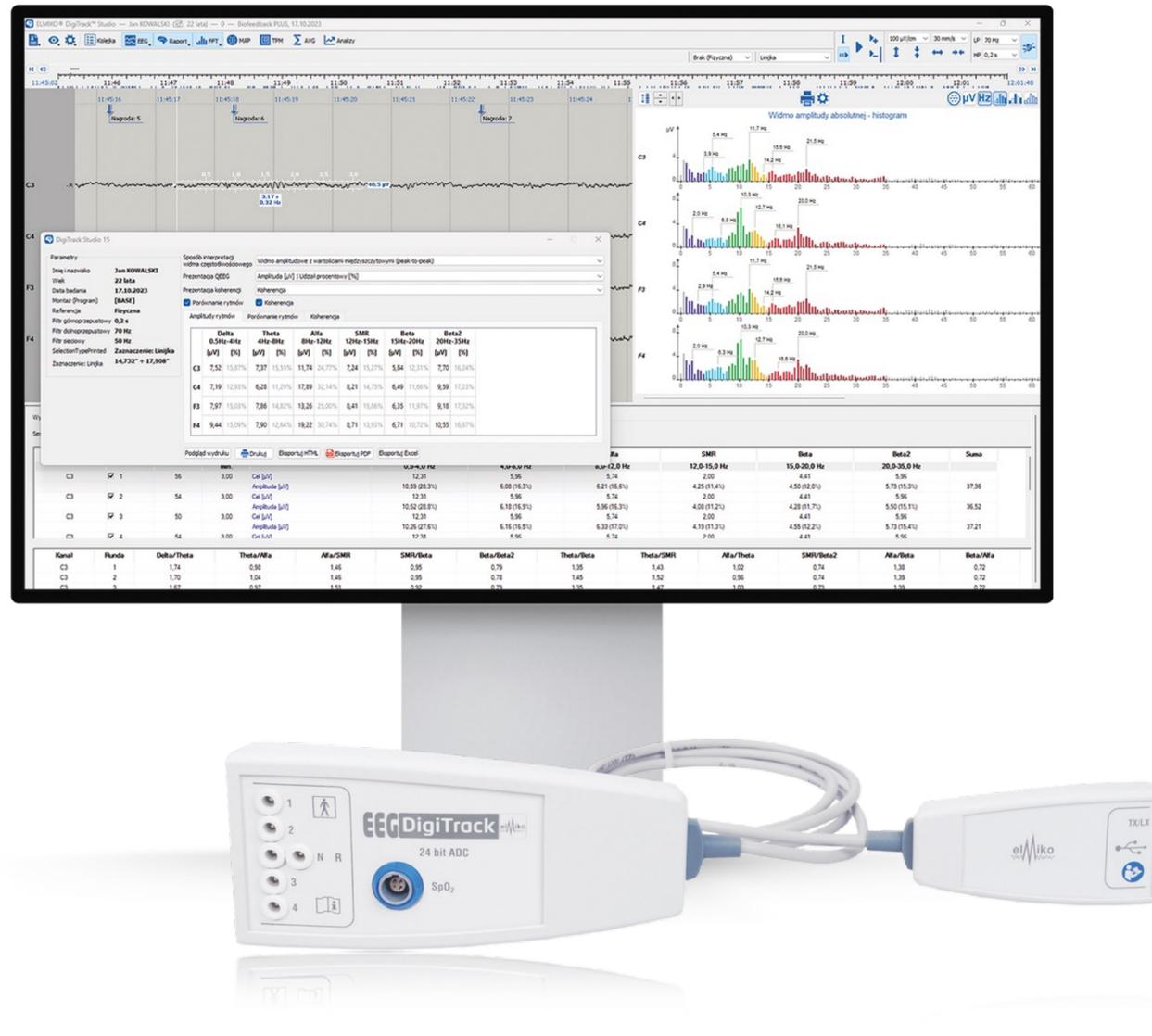
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5 CHANNELS EEG AMPLIFIER

# WHAT IS NEUROFEEDBACK?

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5 CHANNELS EEG AMPLIFIER

- **Brain wave oscillations** (continuous changes in the amplitude of specific frequency bands) are recorded using an **EEG amplifier** connected to a computer.
- Proper training results in **the reduction** of undesired wave frequencies and the amplification of **the desired** ones.
- Multiple repetitions of the training are designed to lead to **permanent changes in brain activity**, conscious control of these changes and application of these skills in daily life. To achieve this, we use the **neuroactivity of the brain**.



INTERNATIONAL BUSINESS

ELMIKO BIOSIGNALS LTD.

OUR PRODUCTS ARE ALREADY PRESENT ON  
**28 DIFFERENT MARKETS**





DOCTORS



TECHNICIANS



THERAPISTS AND SPECIALISTS

- Year of establishment: **2006**

**Certified to PL-EN ISO 9001:2015-10** in the organization and providing training.

- Courses for:
  - **Doctors**  
EEG | EMG | USG | TMS | CFM/aEEG | QEEG
  - **Technicians**  
EEG | EMG
  - **Therapists and specialists**  
EEG Biofeedback | QEEG
- The centre already has more than **2000 certified specialists.**



IT'S NOT JUST WORK, IT'S FAMILY.

ELMIKO BIOSIGNALS LTD.



*It's not just work,  
it's family.*

# ELMIKO BIOSIGNALS Ltd.

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## HEADQUARTERS:

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05-822 Milanówek  
Poland

## SALES AND SERVICE OFFICE:

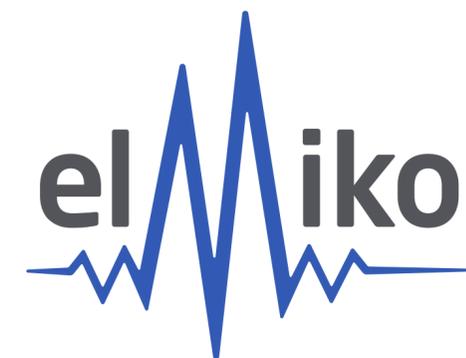
Herberta 35  
05-822 Milanówek  
Poland

## MANUFACTURING PLANT:

Łużycka 16  
44-100 Gliwice  
Poland

## SOFTWARE DEPT. OFFICE:

Jeżewskiego 5c/7  
02-796 Warsaw  
Poland



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