

BrainFeedback® BFB

NEUROFEEDBACK | SYSTEM



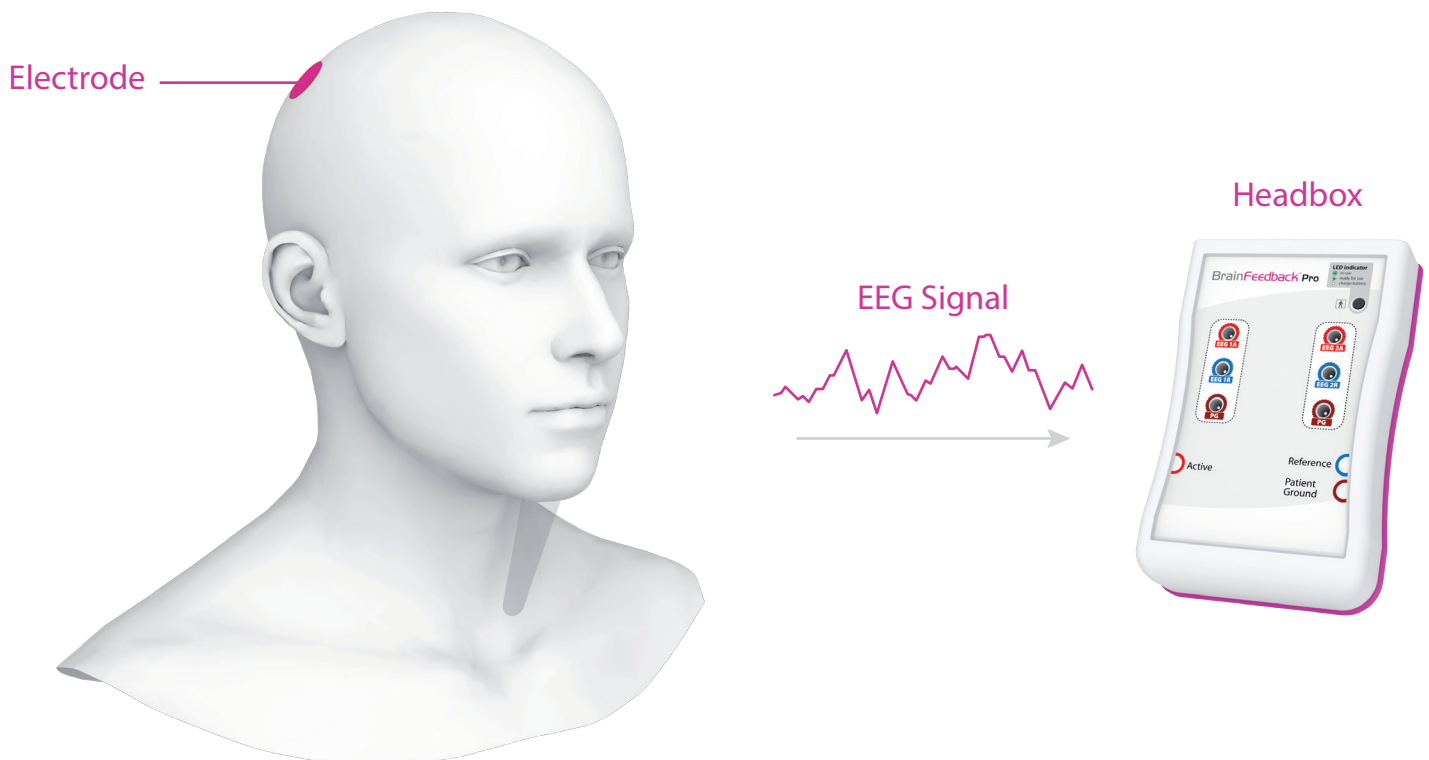
NEUROFEEDBACK

Deymed
DIAGNOSTIC



What is BFB?

Neurofeedback, is a type of biofeedback that presents real-time feedback from brain activity in order to enhance brain performance and to reinforce healthy brain function. Electrical activity from the brain is collected via electrodes placed on the scalp, with feedback presented using 3D games, video displays and/or sound. NFB is non-invasive and is administered as a long term training method.





Advantages of BrainFeedback BFB

Deymed manufactures reliable and high-quality neurodiagnostic, neurocare and neurofeedback systems. Our goal is to advance the neurology and neurophysiology fields to new heights with engineering innovation. All Deymed Neurocare systems are designed for ease-of-use and durability with advanced features that simplify your work.



Battery Operated

Offering the highest signal quality possible and lasting months on a single charge, Deymed systems significantly reduce artifacts and outside noise by running 100% on batteries.



Optical Isolation

Optical isolation greatly improves signal quality and patient safety. This feature combined with long-lasting battery operation, offers the best-in-class technology for neurophysiological recordings.



Click N' Go System

Easily detach your system from the cart with a single click and be on-the-go with a laptop. You are no longer forced to choose between a hospital cart or a portable system. You can now have both in one.



High Sample Rates

Designed with Digital Signal Processor technology, Deymed systems can sample at very high sample rates while changing any parameter on the fly digitally. DSP offers numerous advantages over standard analog processing.



Always on Impedance

Always-on impedance monitoring displays impedances during recording and has alerts to ensure electrodes are in-range at all times. The values are saved to the EEG file for post quality-assurance review.



Intelligent Charger

Intelligent Headbox Charger. The Intelligent charging is built into the rotating metal arm with the holder for the headbox. It charges the headbox batteries via inductive charging, ie without direct contact, which maintains the optical isolation and safety benefits of battery operation as well as allowing the headbox batteries to be charged when the headbox is connected to system.

Accessories Basket

On the arm of the headbox holder there is a removable container basket that can be used to keep recording supplies or other needed materials for the operation of the device.

Powerful and Silent PC

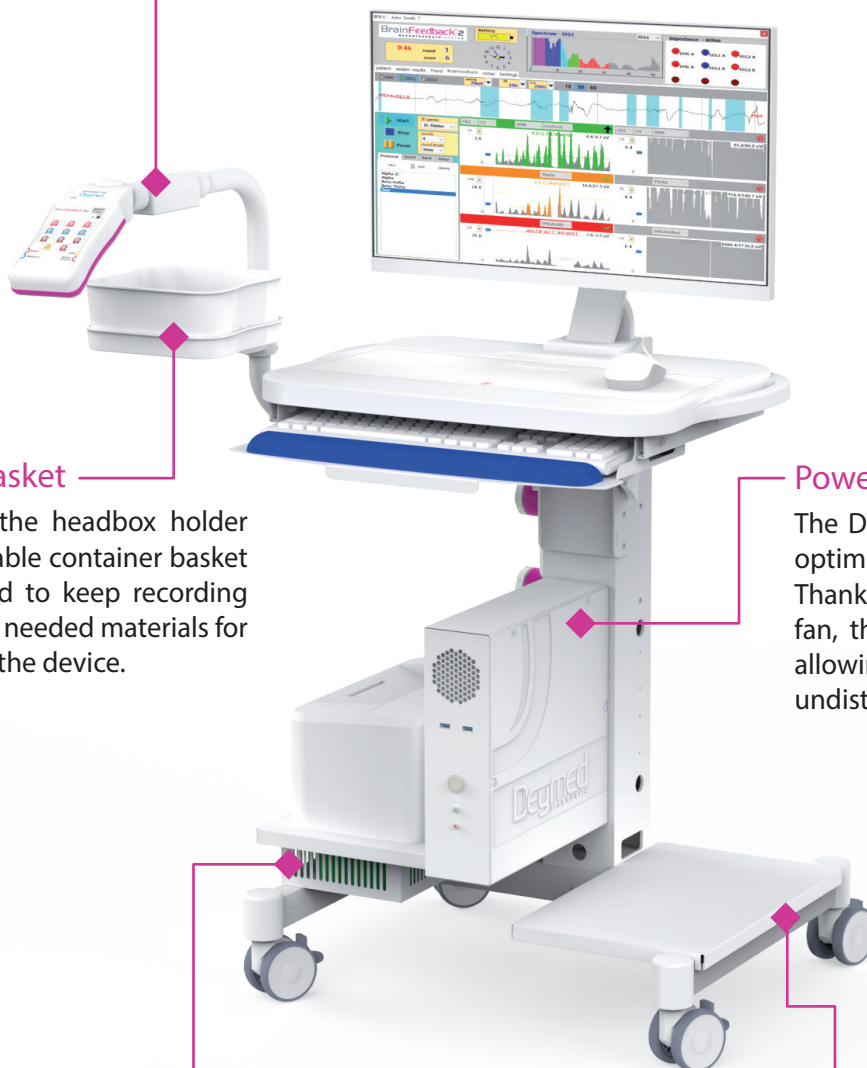
The Deymed integrated computer is optimized for use in healthcare. Thanks to the absence of a cooling fan, the system runs virtually silent, allowing the exam room to be undisturbed.

Isolation Power Supply

Medical grade built-in Isolation Transformer that meets the highest medical safety standards. On/off switch with LED indicators for status. Non-patient Grounding plug included on side.

Special developed Cart

Designed with robustness and space in mind, the carts small overall footprint, integral headbox arm and large easy roll wheels means the TruTrace EMG is designed to fit into the most demanding of environments.





FlexiCart BFB

FlexiCart with integrated computer, Click N' Go System and 2 or 4ch BrainFeedback headbox connected to a USB adapter.



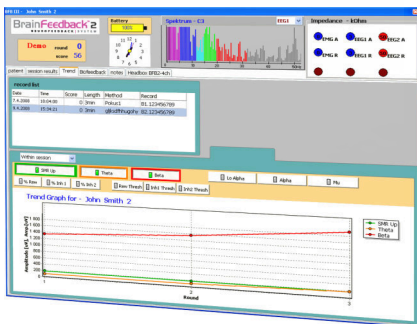
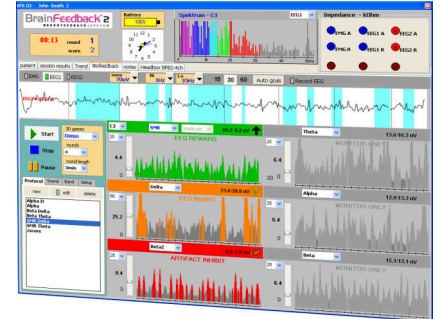
Portable BFB

Laptop with Click N' Go 2 or 4ch BrainFeedback headbox connected to a USB adapter.



Brainfeedback Interface

The Brainfeedback interface is designed to be easy to use, even for beginners. All controls are visible on one dashboard screen. This style layout stands in stark contrast to systems that require intensive study and training to create even basic protocols. The simple to use yet powerful dashboard layout allows a clinician to fully concentrate on the client's needs.



Automatic Trend Graphing

All client data is saved automatically to a build-in client database including scores, EEG data, power for each band, reward percentage, raions and Z-Score data. This information and more can be displayed at the push of a button in our trend graphing system designed in partnership with Dr. Joel Lubar, one of neurofeedback's leading pioneers.

BrainFeedback 2ch, 4ch

- 2ch and 4ch headbox
- online impedance check
- battery operated - removable batteries
- single connector for fiber-optic communication and charging
- compact dimensions





Custom 3D Games

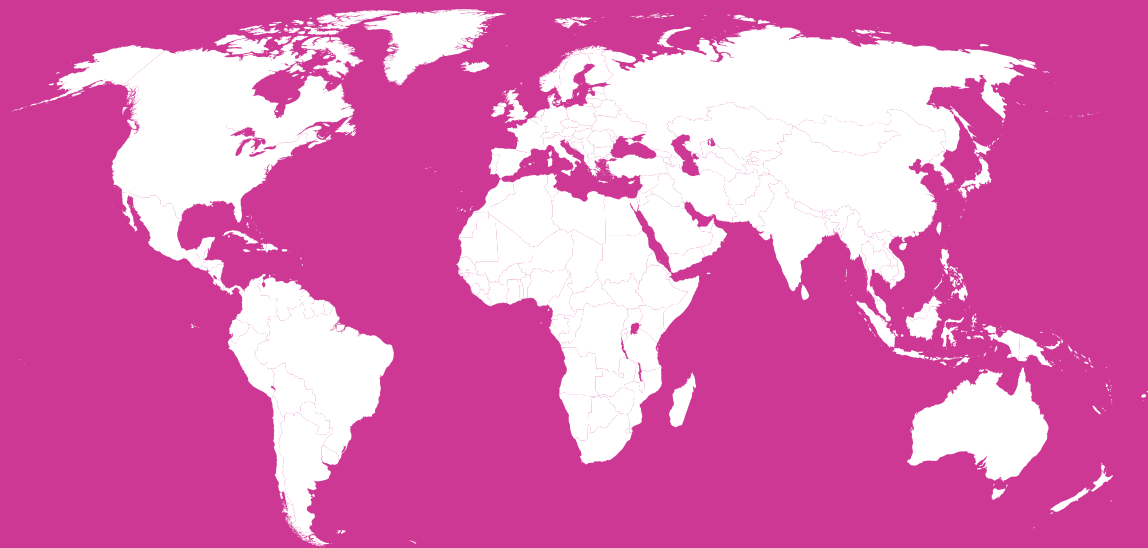
The most user-friendly interface of any neurofeedback system, the BrainFeedback Pro includes specialized 3D games, trend graph reports and an advanced protocol setup utility as well as Z-Score training.



25+ Games Available

Formula, Robot, Electron, Dolphins, Cube, Tube, Heart, River, Butterfly, Rocket, Sunset, Trend,...





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Neurophysiology
EMG



Magnetic stimulators
TMS



Neurofeedback
BFB / qEEG



Epileptology
EEG



Somnography
PSG