



BrainGymAI

Your Brain. Your Power. Your Future.



ion Compass
An interactive brain training tool that helps you understand your cognitive strengths and weaknesses. It provides personalized feedback and recommendations to help you improve your cognitive skills.

Cognition Compass
A tool that helps you understand your cognitive strengths and weaknesses. It provides personalized feedback and recommendations to help you improve your cognitive skills.

Willkommen bei
BrainGymAI
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Welcome to
BrainGymAI
An interactive brain training tool that helps you understand your cognitive strengths and weaknesses. It provides personalized feedback and recommendations to help you improve your cognitive skills.

We make brain training accessible, intuitive and motivating.

OUR MISSION

The Missing Piece

In today's landscape of fitness and wellness tools, our bodies can be tracked down to the very last detail: from steps to sleep to heart rate. But one essential aspect of well-being is often overlooked: mental engagement.

Just as physical activity contributes to a healthy lifestyle, staying mentally active can enrich how we learn and adapt, but also interact with the world. That's where BrainGymAI comes in: making brain training more accessible, intuitive and motivating for everyone.

Overall well-being is shaped by the choices we make across all stages of life. Staying mentally engaged should be part of such a holistic and healthy lifestyle.

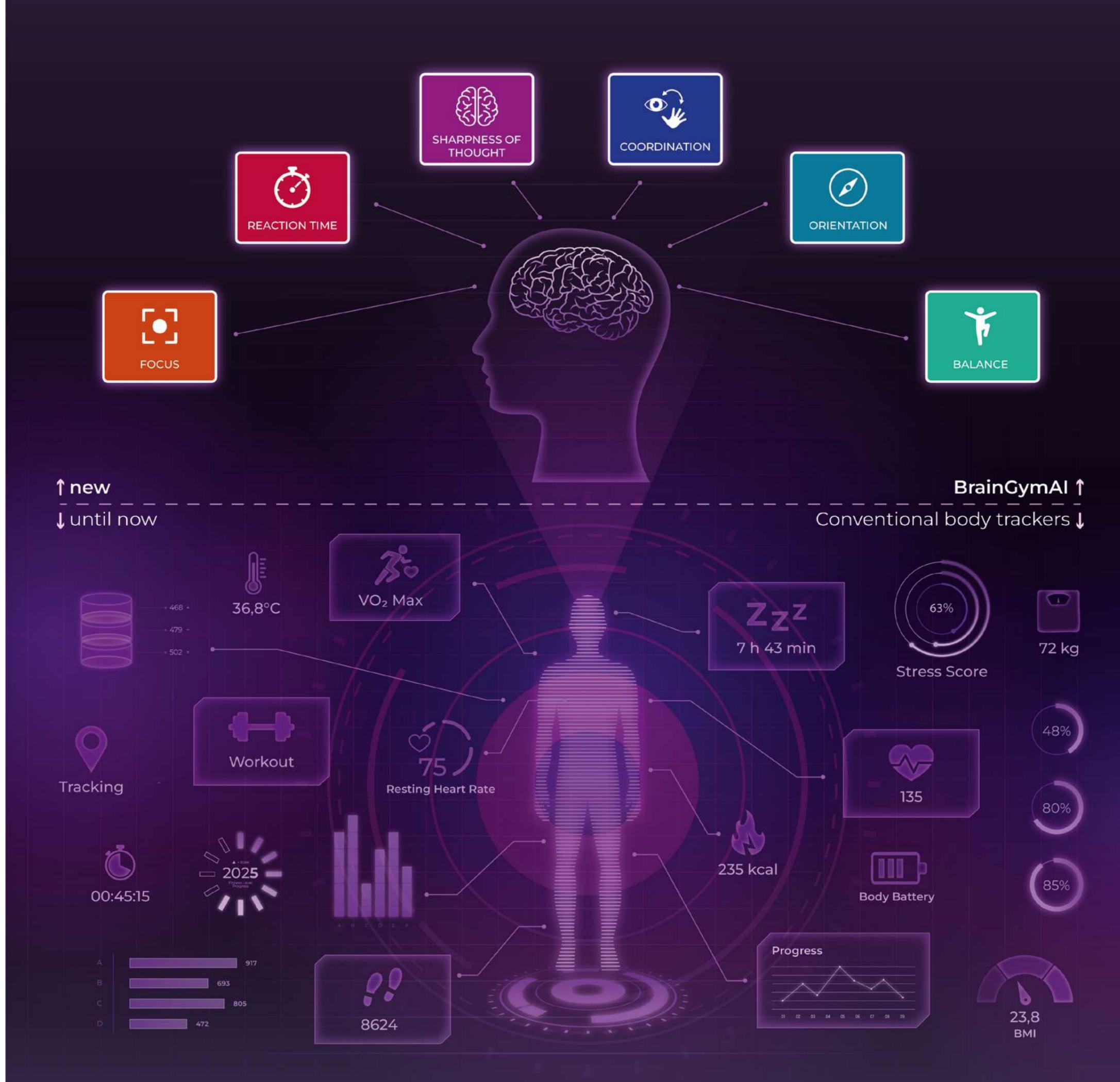
Our interactive stations offer playful ways to challenge reaction time, focus, coordination and several other cognitive skills through engaging exergames.

A Scientific Perspective on Cognitive Health

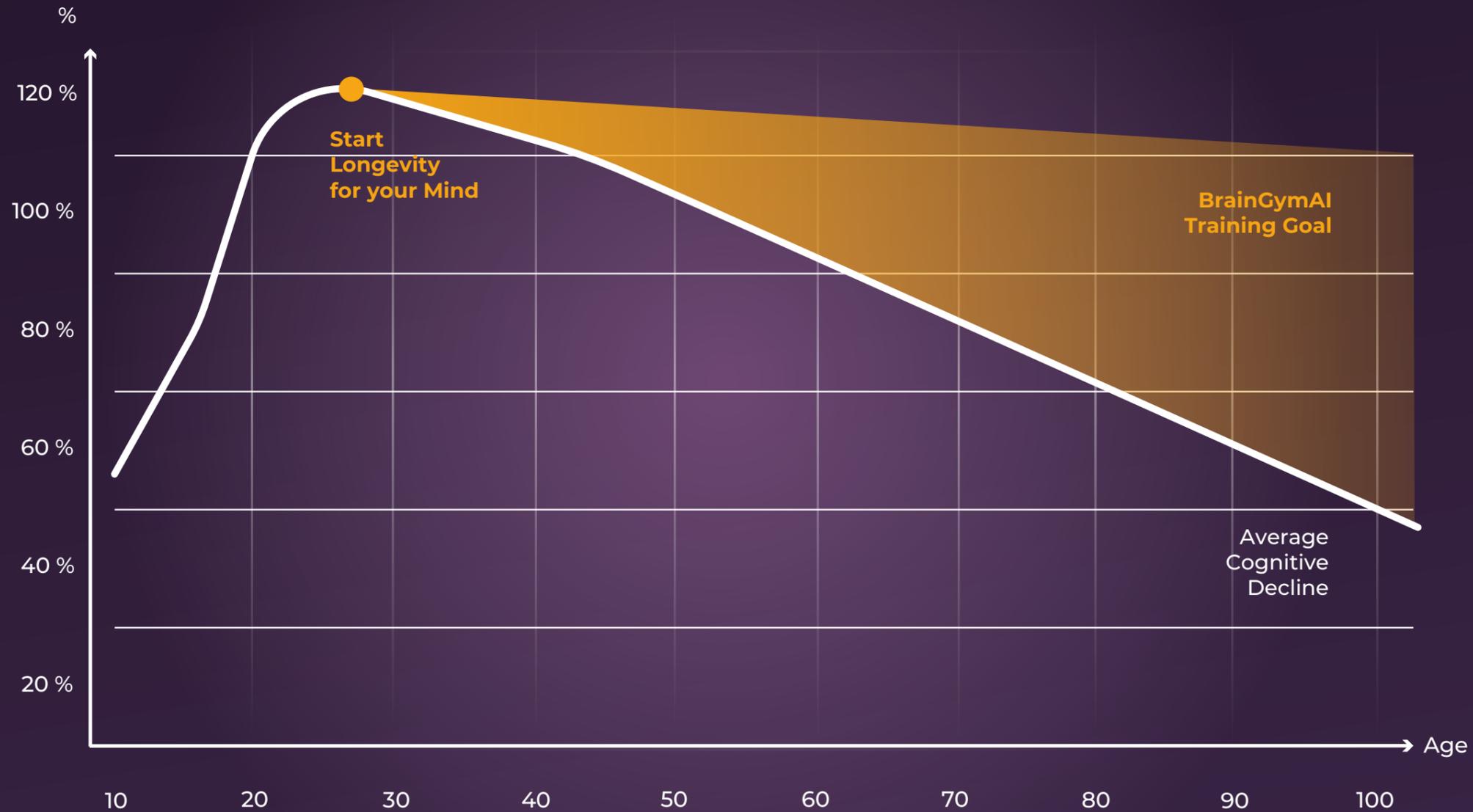
The 2024 Report of the Lancet Commission on Dementia highlights how lifestyle, education, physical activity, social connection, and ongoing mental stimulation are associated with long-term cognitive well-being. This report reflects the broader scientific conversation around healthy aging and lifelong learning. It identifies 14 potentially modifiable factors that are linked to dementia risk, and estimates that around 45% of dementia cases may be associated with this group of factors.*

BrainGymAI is not intended to diagnose, prevent or treat dementia or any other medical condition. The main takeaway from this research is the importance of cultivating environments that inspire people to stay curious, mentally active and socially engaged – values that align with our mission.

*Livingston, Gill et al (2024): Dementia Prevention, Intervention, and Care: 2024 Report of the Lancet Standing Commission, in: The Lancet 2024; 404: 572–628 [Online: [https://doi.org/10.1016/S0140-6736\(24\)01296-0](https://doi.org/10.1016/S0140-6736(24)01296-0)].



Cognitive skills



Understanding Cognitive Change

Mostly, cognitive abilities are imagined as a simple graph: it rises, stabilizes and then shifts downwards with increasing age. Newer scientific perspectives from longevity research to high-performance psychology paint a more dynamic picture: they highlight how cognition is shaped by an individual's lifestyle, engagement and experience. Different schools of thought can certainly agree on one essential point: mental activity matters at any age. Modern neuroscience also shows that neuroplasticity (the brain's capacity to adapt and reorganize) persists far longer than once believed, offering individuals meaningful chances to build new skills throughout the span of a lifetime.

Why Engagement Matters

Changes in an individual's cognitive experience are often subtle. They slowly appear as a shift in routines, hobbies may be quietly abandoned, daily tasks are being avoided because they are becoming a burden. Cognitive engagement is highly connected to motivation – activities that make one's life feel rich. An often overlooked question captures this well: "What have you stopped doing that you used to enjoy?"

For All Stages and Ambitions

Mental training does not only become relevant when challenges arise. A wide range of individuals and professionals, from students to athletes, participate in cognitive training to refine abilities, stay adaptable and sharp or even to reach the upper percentages of their performance potential. Early and continuous engagement in mental activities support these goals by keeping the mind active and ready for new demands. Cognitive training is not necessarily about preventing decline, it is about cultivating readiness and potential.

Our Perspective

BrainGymAI does not diagnose or treat medical conditions. Part of our mission is to make cognitive engagement accessible, motivating, meaningful. We create immersive and interactive environments for people of all ages to:

- challenge their minds in a playful way
- refine focus, reaction, orientation, balance and coordination
- rediscover abilities – build confidence in daily tasks
- explore cognitive training for high-performance purposes



EXPERIENCE THE FUTURE OF BRAIN TRAINING

Immerse yourself in BrainGymAI – designed as a cognitive training space that blends intuitive interaction with architectural presence. As a signature installation for operators, it becomes an impactful statement of innovation and differentiation.

OUR SOLUTIONS

BrainGymAI training stations are ergonomic and wheelchair friendly. They can be integrated into any environment thanks to their versatility – seamless and continuous expansion through new games, ensuring long-term motivation and lasting value.



SCIENCE CENTERS

BrainGymAI transforms cognitive training into an immersive and interactive experience, making it a powerful addition to science centers and museums. By offering hands-on engagement with artificial intelligence in a dynamic learning environment, it bridges STEAM education with contemporary perspectives on brain health and human performance. This open-ended experience encourages repeat visits and offers inspiring exploration for visitors of all ages.



FITNESS & LONGEVITY ENVIRONMENTS

State-of-the-art fitness centers, longevity clinics or wellness retreats are evolving constantly, even the most successful operators won't wait for the next trend, they'd rather set it. BrainGymAI delivers an immersive cognitive training experience that complements physical workouts and elevates any environment into a next-level performance destination. Our subscription-based business models enable a rapid ROI and unlock recurring revenue streams.



SENIOR LIVING AND ACTIVE RETIREMENT

Leading senior living communities often stand out through the atmosphere they are creating: small details that signal vibrancy and genuine care. BrainGymAI integrates perfectly into such an environment. A BrainGymAI installation becomes one of those elements: something families notice instinctively and residents appreciate immediately, even if they can't quite put it into words. Its intuitive, inviting cognitive challenges offer moments of curiosity, confidence and shared enjoyment. As part of a community's environment, it subtly highlights an operator's commitment to thoughtful, forward-looking experiences that enrich daily life at any age.



PROFESSIONAL SPORTS

In elite sports, milliseconds define outcomes – and cognitive readiness is too important to leave to chance. BrainGymAI introduces exergame-inspired challenges that range from fast and reactive to highly focused or mentally calming, allowing athletes to train across different cognitive states while staying fully engaged. Teams can observe how players respond under varying conditions and relate these training experiences to the rhythms and pressures of real competition. This creates a performance environment where athletes explore their cognitive limits with the same ambition they bring to physical training, making BrainGymAI a standout asset for organizations committed to precision, adaptability and competitive excellence.



Coco

Your Cognition Compass

Coco your guide through the BrainGymAI ecosystem – welcoming users, streamlining onboarding and promoting user self sufficiency, so operators can offer a seamless experience with minimal staffing.

As users explore the different challenges, Coco highlights their completed sessions and shows how their game results relate to their age group, all users or selected teams in a playful, non-evaluative way. Over repeated trainings, Coco reveals patterns that help users understand how they engage with different types of tasks, inspiring curiosity and motivating them to return.

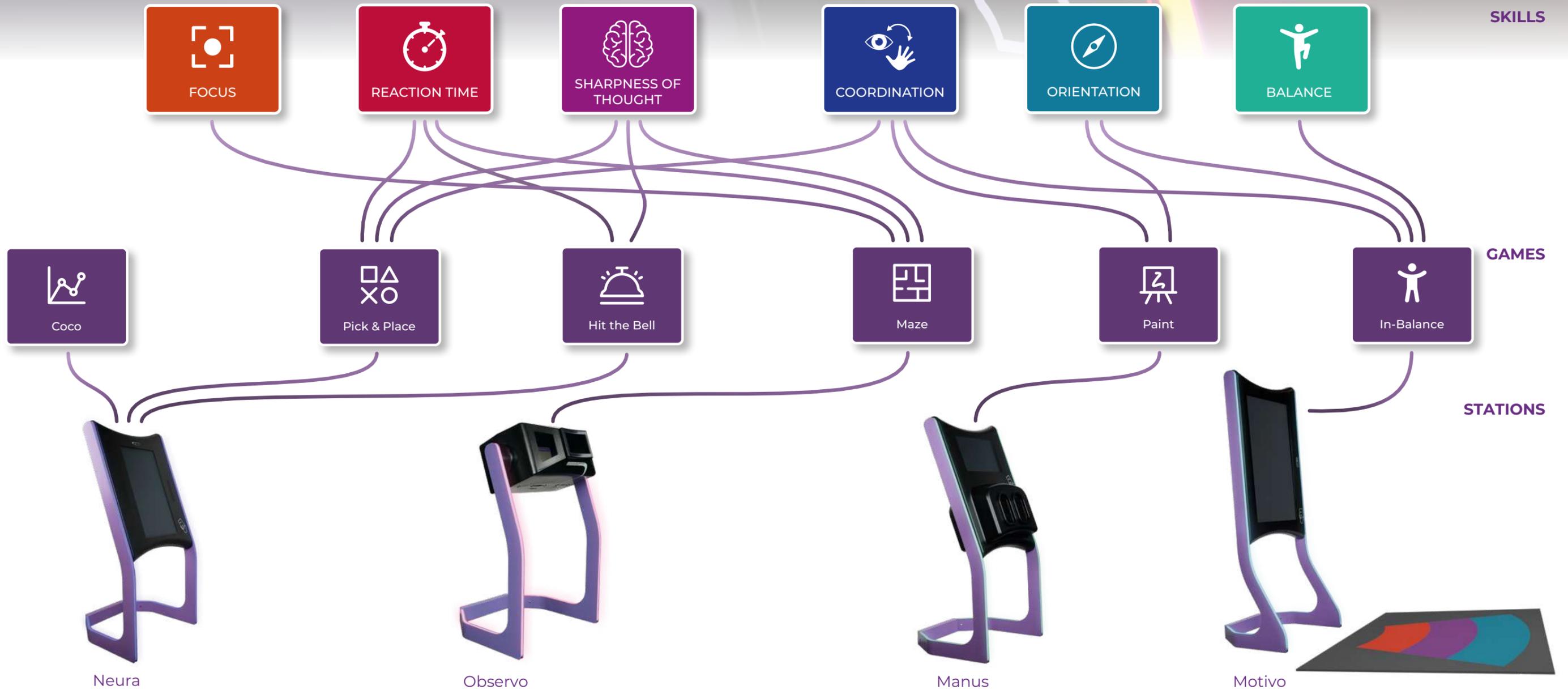
For operators, Coco ensures consistency, accessibility and smooth sailing across all stations, making the entire environment inviting, intuitive and easy to manage.



OUR STATIONS

Our stations are highly specialized, each equipped with dedicated sensors that create distinct interactive experiences. Designed with ergonomic principles in mind, every station is accessible for users of all ages and abilities – including full wheelchair support.

With NFC access for instant login and a continuous stream of new games and content, BrainGymAI keeps engagement high and ensures long-term commitment across the entire ecosystem.



SKILLS

GAMES

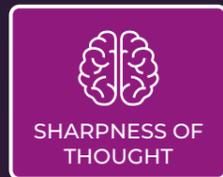
STATIONS



FOCUS



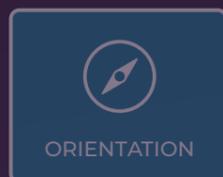
REACTION TIME



SHARPNESS OF THOUGHT



COORDINATION



ORIENTATION



BALANCE

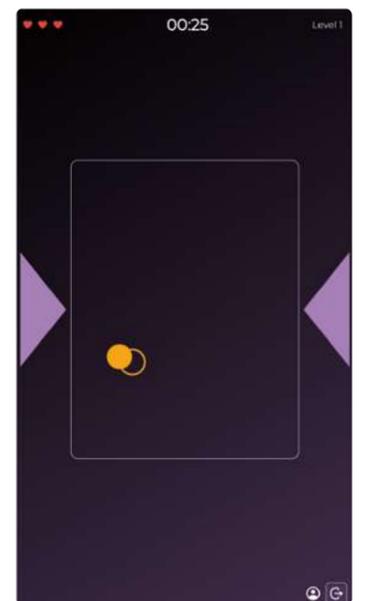
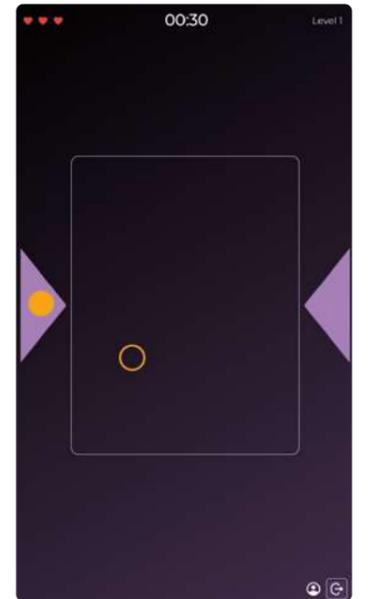


PICK & PLACE

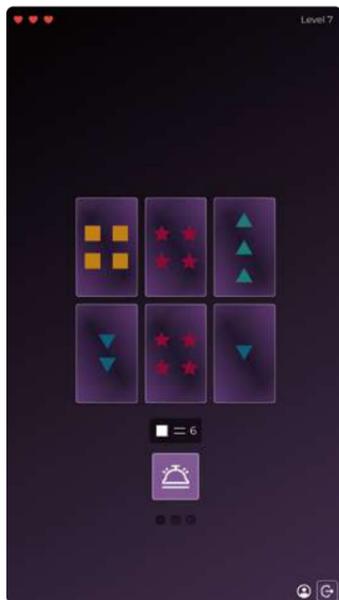
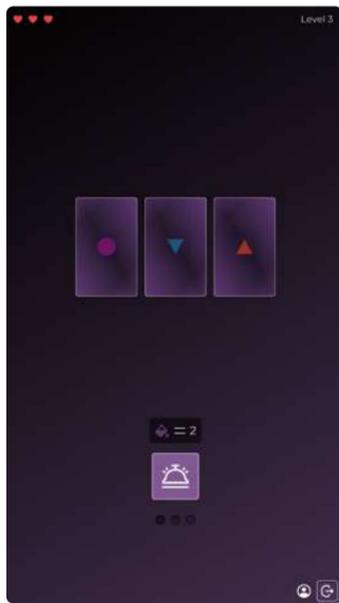
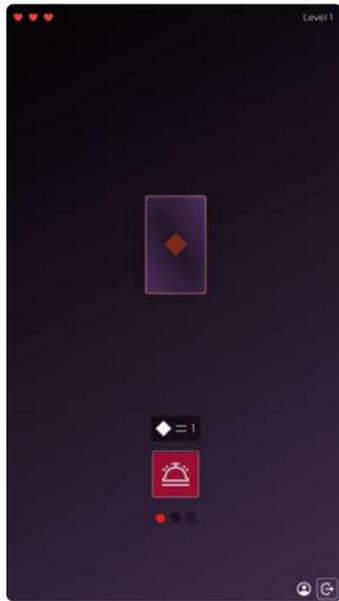
Precision Meets Reaction

Pick & Place challenges your speed and precision in a playful drag-and-drop setup. You're supposed to drag the shapes displayed on the screen through placing your fingers on them and match them to the correct outline.

Shapes, colors and positions constantly change. Every round reveals how quickly and accurately your hands and mind coordinate under shifting conditions. This challenge is related to everyday skills – reacting quickly in dynamic situations or coordinating both hands in sports and movement. Whether you're exploring new experiences, staying active or pushing your personal limits as an athlete, Pick & Place adapts to your pace and keeps you engaged.







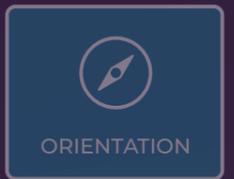
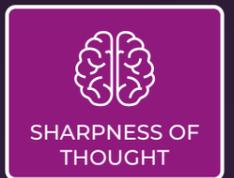
HIT THE BELL

Outsmart Impulsive Responses

The moment a new card flips, your mind goes into high gear. Does the required pattern match what is displayed? If yes, then hit the bell.

Hit The Bell challenges you to process visual information quickly, stay focused under pressure and make clear decisions in a split second.

The challenge shifts constantly with each level introducing new patterns that call for flexibility and sharp attention. Whether you enjoy quick-response challenges, want to stay mentally active, or like refining your timing for sports or movement tasks: this game keeps you engaged, alert and motivated – one bell at a time.



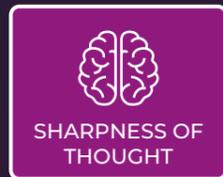




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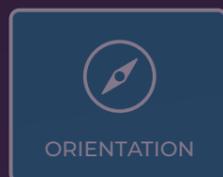
REACTION TIME



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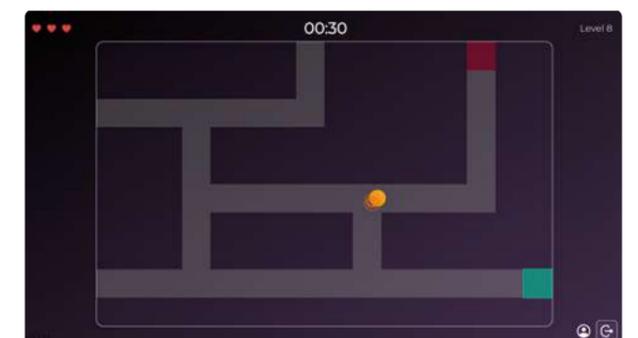
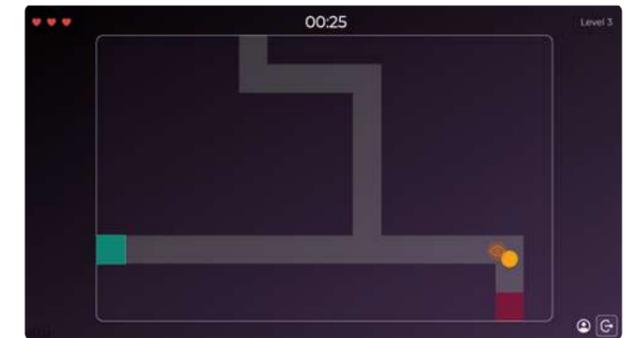


MAZE

Let Your Eyes Guide Your Way

The moment you look into the Observo station, your eyes take the lead. A gleaming circle appears on the screen, your task: guide it towards the goal using nothing but your gaze. It's not just about following: within the maze you will face intersections, your mind needs to decide quickly: left or right? Forwards or backwards? Choose wisely since every turn counts – no touching, no clicking, just the power of your eyes and mind.

This experience goes beyond eye-tracking. Maze invites you to maintain focus, react quickly and navigate shifting paths with clarity. Many users enjoy how naturally it reflects moments of everyday decision-making, offering a playful and motivating way to stay mentally engaged.





00:32

Level 4



PAINT

Precision in Motion

Welcome to Paint, where both your hands and your mind are in constant dialogue. One side of the screen asks you to trace a shape, the other to fill it – sometimes mirrored, sometimes reversed. Each level challenges your coordination, flexibility and precision.

Can you stay in control while responsibilities of each hand switch or are being mirrored? It's not about speed, it's about navigating complexity with calm, steady control.

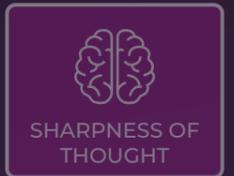
Paint reflects moments that rely on refined hand coordination and spatial awareness – from writing and drawing to handling tools or performing precise movements. It's also appealing for anyone enjoying focused, two-handed tasks in daily life or performance settings.



FOCUS



REACTION TIME



SHARPNESS OF THOUGHT



COORDINATION



ORIENTATION



BALANCE



Es kin
berühn
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Sinne na
Zwei Eige

Spielanleitung

- Hände in die Öffnungen stecken und in den vorgesehenen Öffnungen berühren
- Punkte berühren Auf dem oberen Teil des Bildschirms zwei Punkte, die durch Berühren des oberen Punktes aktiviert werden
- Bildschirmschoner vermeiden



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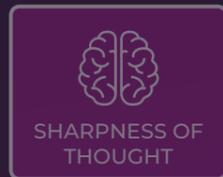
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FOCUS



REACTION TIME



SHARPNESS OF THOUGHT



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BALANCE

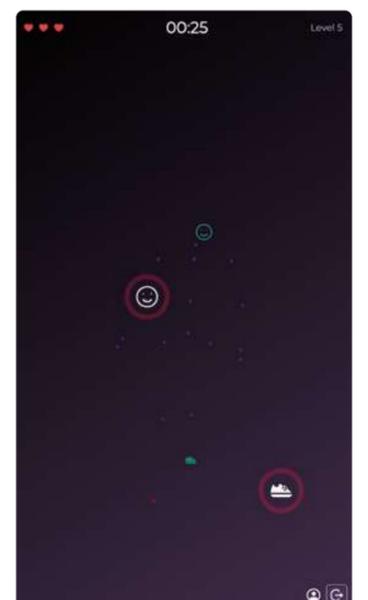
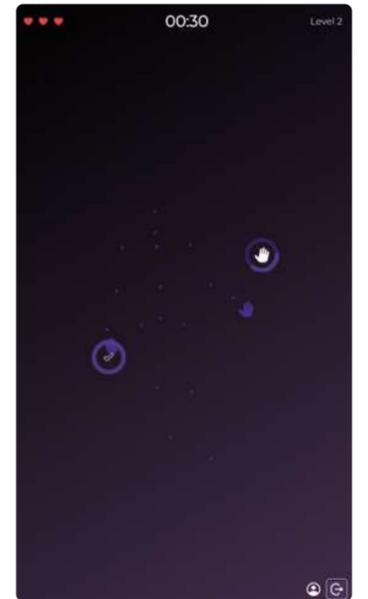


IN-BALANCE

Discover Your Body's Natural Stability

The moment you step into the Motivo station, your body becomes the controller. Stay grounded, follow smooth movement patterns and shift your bodyweight with intention – all while keeping your posture steady and in control. You'll reach, balance, hold and move with focus. Guided by your own reflection, you become more aware of how your body responds in real time – a playful way to experience the neuromuscular coordination behind everyday movement.

In-Balance turns balance into ambition. Whether you enjoy mindful motion, want to stay active, or like testing your stability in new ways, this station offers an engaging and confidence-building experience that invites you to reconnect with your body's natural rhythm.





OUR OFFER

We sketch personalized offers, including exclusively tailored packages with a full-service approach containing:



Space Design & Floor Planning



Interior Furnishing & Decoration



Support in Graphic Design & Marketing



Access Control Solutions



Logistics & Installation



Maintenance & Service

Setup including the Centerpiece featuring immersive brain holograms, neuron wall projections, seating and information panels.

EXPANDING BUSINESS OPPORTUNITIES

Buy & Add – Stand out in a saturated market. By integrating BrainGymAI into your offering of Fitness & Longevity, you deliver a premium service that builds trust and keeps clients engaged.

Buy & Earn Back – With recurring monthly subscriptions, BrainGymAI is designed to pay for itself quickly. Create a fast ROI and long-term, predictable revenue.

Rent BrainGymAI – Unsure if it's the right fit? Start small. Rent stations for a set period to test the concept, boost short-term engagement and see results without committing long-term.

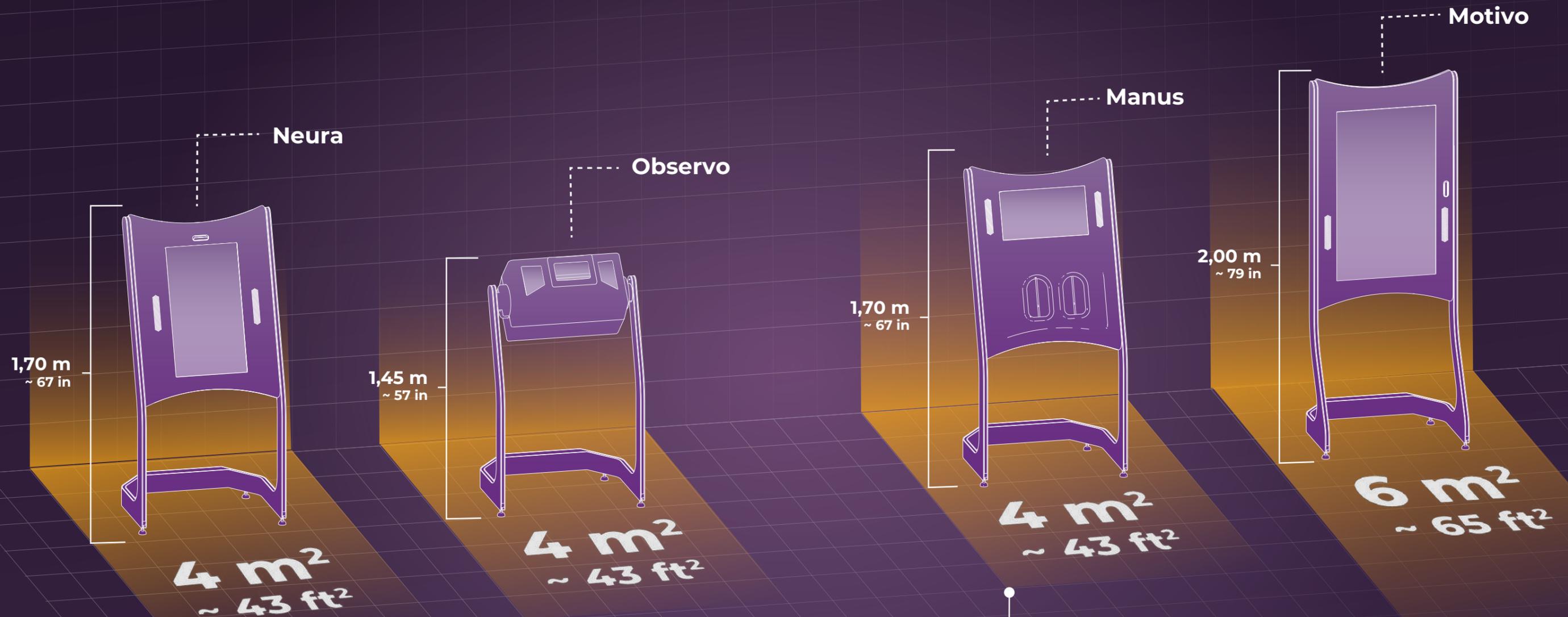
Lease Options – Growth shouldn't be blocked by budget. Our flexible financing makes BrainGymAI accessible, helping you scale while spreading investment costs.

Your Brain. Your Power. Your Future.



OUR SETUPS

From minimum to standard and beyond – every variation and larger setup can be easily tailored to your needs.



Neura

Observo

Manus

Motivo

1,70 m
~ 67 in

1,45 m
~ 57 in

1,70 m
~ 67 in

2,00 m
~ 79 in

4 m²
~ 43 ft²

4 m²
~ 43 ft²

4 m²
~ 43 ft²

6 m²
~ 65 ft²

Minimum Setup

1x Neura

Space: 4 m²/43 ft²

User Capacity* ~ 80 per week

Local Requirements



Power



LAN

Standard Setup

3x Neuras

1x Observo

1x Manus

1x Motivo

Space: 26 m²/280 ft²

User Capacity* ~ 500 per week

* User capacity calculated for 12 h per day, 7 days a week, 1 h training per user & week.



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LONGEVITY FOR YOUR MIND – LEAD THE FUTURE OF COGNITIVE ENGAGEMENT