



# Your winning game to recovery

## REAtouch® and REAtouch® Lite

Interactive devices designed for intensive and functional rehabilitation of the upper limbs.

# REAtouch®

A solution for intensive functional neuro-rehabilitation

REAtouch® is an interactive device for uni- and bimanual intensive therapy with a portfolio of therapeutic games suited for patients of all ages. It allows an optimization of the functional recovery with intensive therapy supported by therapeutic gamification.



- Facilitates intensive **uni- and bimanual rehabilitation activities** through an **intuitive** platform for both therapists and patients.
- **Therapeutic gamification** provides a very high level of challenge to the patient's motor and cognitive abilities through continuous **motivational stimulation**.
- Allows patients to perform **an intense motor activity** of 1,500 to 2,000 contact points, or a 40 to 60 meters on the screen, in one session.
- Reactive surface allows interaction with dedicated or freely chosen objects, integrating the **functional dimension** into the therapeutic experience.
- **Exclusively voluntary movements**, without guidance or facilitation of movements.
- Movements, tasks and game complexity **auto-adapt in difficulty according to patient performance**.
- **Immediate and rich feedback** to maintain motivation and stimulate motor and cognitive learning.
- Multiple assessment applications **providing objective and comparable data** in a patient performance assessment report.

Suitable for intensive bimanual rehabilitation based on the coordinated use of both hands: **HABIT-ILE method**.

Recognized worldwide, HABIT-ILE (Hand and Arm Bimanual Intensive Training Including Lower Extremities) is an innovative, functional, and play-based intensive rehabilitation method. The goal-oriented therapy programme aims to strengthen patients' ability to use both hands together while developing body awareness and control, so that the patient can better perform activities of daily living.







- **Large 43-inch (950 x 530 mm) screen** enabling engaging touch and audio-visual interaction:
  - User interface allowing up to 30 simultaneous touch points on the screen.
  - Fully adaptable interactive zone for quick and easy adjustment to the needs and abilities of range of motion of each patient.
- **Motorised height adjustment**, allowing the work area to be positioned from a height of 570 mm to 1230 mm from the floor.
- **Motorised tilt adjustment** allowing the work area to be oriented between the horizontal (0°) and an angle of 85° in order to best adapt to each patient's specific mobilisation exercises and to the therapists' wishes.
- Intuitive and motivating platform with a portfolio of **over 25 functional therapeutic video games**:
  - Games available with **uni- and bimanual** control.
  - Possibility of playing with others, whether with patients, a therapist, or a supporting person.
  - Catalogue of games for all ages.
- Choice of various dedicated **objects of multiple shapes** for manipulation and construction tasks.
- A personalised profile, an avatar, a personal account, and specific goals for each patient to achieve, encouraging **active participation** and contributing to therapeutic progress.



# REAtouch® Lite

## Decentralized Upper Limb Rehabilitation

The REAtouch® Lite mobile rehabilitation device enables intensive functional neurorehabilitation in settings ranging from a rehabilitation centre to the patient's home.



- **Mobile version** of the REAtouch® device, accessible to patients who, for various reasons, cannot participate in intensive therapy sessions in the exercise room.
- 32-inch (710 x 400 mm) **reactive surface**:
  - Can detect up to 30 touch points simultaneously on the screen.
  - Promotes tactile and audio-visual interaction.
- Available in a **portable version or a mobile bed or chair table**, allowing decentralised rehabilitation in the patient's room or home.
- As a bed or armchair table:
  - Motorised height adjustment, to position the work area from 490mm to 890mm or from 770mm to 1270mm from the floor.
  - Manual adjustment of the inclination, allowing the work area to be oriented between the horizontal (0°) and a 70° angle in order to best adapt to the mobilisation exercises specific to each patient and to the therapists' wishes.
- Can be used standalone or integrated into a network linking REAtouch® and REAtouch® Lite into a **single patient experience**.



Intensive rehabilitation with REAtouch® (Lite) is suitable for a wide range of indications including stroke, traumatic brain injury, spinal cord injury and cerebral palsy.

Axinesis offers intensive and functional neurorehabilitation solutions that cover the full patient care pathway to facilitate faster recovery and better patient outcomes while reducing healthcare costs. Discover our full range at [www.axinesis.com](http://www.axinesis.com).



Avenue Sabin, 3  
B-1300 WAVRE  
[www.axinesis.com](http://www.axinesis.com)

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