

# HAND OF HOPE Exoskeleton

**Therapeutic device** that may help patients regain hand mobility through motor relearning

Detection of movement through **EMG signals**

Real-time **interactive games** enhance the training outcomes

**TECHNOLOGY FOR PEOPLE**

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# Hand of Hope

## DESCRIPTION

Electromyography (EMG) driven robotic hand therapy device for rehabilitation.

## FUNCTIONS

Regain hand mobility through motor relearning.

## OPERATION MODE

Active (EMG) and passive modes.

Two modes of rehabilitation: Passive and active mode providing the patient with an exciting focused participation.

Individual user settings and training parameters stored and analysed giving the therapist access to detailed user progress information.

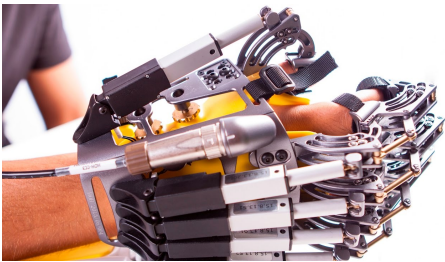
The hank brace and forearm support designed to provide optimal user comfort.

Interactive software presented with animated instructions and icons to help the patient through the sessions.

Convenient donning and doffing of velcro finger straps.

Compact, lightweight (14 Kg) and easy to carry out

## HAND Exoskeleton



## MAIN TECHNICAL CHARACTERISTICS:

Model	Small	Medium	Large
Dimensions (W x L x H)	160x250x120mm	160x250x120mm	180x250x120mm
Weight	700g	700g	800g
Internal Platform Range	88-100 mm	100-115 mm	115-130mm
Dimension of Forearm Support (W x L x H)	162 x 336 x 69mm		

## CONTENTS:

- 1 pair of S-to-M hand braces or large braces
- Internal Platform & Strap Pad Set (S & M or S, M & L sizes)
- Advanced Training Software including CPM mode, EMG mode, Patient Database and 5-game Module
- Advanced Forearm Support
- Portable Workstation
- Carrying Case
- Wireless Touch Keyboard
- Cables and Accessories

Possibility to include an Extension Kit

For more information: [www.rehab-robotics.com](http://www.rehab-robotics.com)