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Hand Rehabilitation Training Device





Rechargeable Hand Rehabilitation Device

Fr01 is fingers hand rehabilitation training device suitable for patients with hand dysfunction caused by stroke, cerebral hemorrhage, stroke hemiplegia, and brain injury. The unit is packed with multiple features in one machine: LED touch keypad for easy control, portable rechargeable for convenient use, the ability of softening hand tissues with air compression massage therapy before rehabilitation training, the intensive/ skip care setting optimizes fingers training flexibly, mirror therapy promotes the rehabilitation of brain autonomy through healthy hand driving affected hand, innovative technology of each finger training one by one to enhance recovery effect, the accessibility of set the different time for extension and flexion based on muscles tension level. The unit helps users relearn through exercise from the 3 levels of nerves, brain and muscles, and rebuild the brain nerves to control the hand movement.



MAIN FEATURES	STANDARD UNIT	PARAMENTERS
<p>Portable compact host device, low decibel mute.</p> <p>Touch keypad, with LED display</p> <p>Built-in 6000mAh lithium battery allows long working time</p>	<p>1 device 1 recovery glove 1 mirror glove 1 massage glove</p> 	<p>Device size: 20.6*14.6*8.5cm</p> <p>Power Consumption: 22W</p> <p>Battery Capacity: 6000mAh</p> <p>Treatment Time: 5~60 minutes</p> <p>Programs: 4 types</p> <p>Pressure Range: 100~180mmHg</p>
<p>Air Compression Massage for Hand built-in pressure sensor, adjustable 4 pressure levels, to massage hand joint and muscles, softening and relaxing full hand tissues.</p>		<p>able to set the desire time 1~9 seconds for extension and flexion individually</p>
<p>Intensive/ Skip care for fingers, allowing training specific finger(s) flexibly such as single finger training, or intensive training for 2 fingers.</p>		
<p>Passive Training Using flexible pneumatic bionic muscles as a power source, the machine drives hand to exercise; It can set the flexion and extension time individually according to the level of muscle tension.</p>		
<p>Mirror Therapy The healthy hand drives the affected hand, the hands move synchronously, activate the mirror neuron. The normal hand motor nerve pathway was copied to the affected hand, and promote the recovery of brain autonomy.</p>		
<p>Cycle Training for Each Finger in Turn Innovative technology to train each finger one by one, significantly improving the rehabilitation effect.</p>		





Plugin Hand Rehabilitation Device

FR02 is fingers hand rehabilitation training device suitable for patients with hand dysfunction caused by stroke, cerebral hemorrhage, stroke hemiplegia, and brain injury.

It combines flexible robotic technology and neuroscience theory, using flexible pneumatic bionic muscles as a power source, which can promote finger flexion and extension, reduce muscle tension, promote blood circulation, relieve edema, and prevent muscle atrophy. At the same time, it can help users relearn through exercise from the three levels of nerves, brain, and muscles, and rebuild brain nerves to control the hand's movement.



MAIN FEATURES

Passive Training for all fingers

Using flexible pneumatic bionic muscles as a power source, the machine drives hand to exercise



Intensive/ Skip care for fingers

allowing training specific finger(s) flexibly, such as single finger training, or intensive training for 2 fingers.



Mirror Therapy

The healthy hand drives the affected hand, the hands move synchronously, activate the mirror neuron. The normal hand motor nerve pathway was copied to the affected hand, and promote the recovery of brain autonomy.



PARAMENTERS

Device size:	30.1*23.8*12.36cm
Power supply:	100-240V
Power Consumption:	15W
Program:	1 type
Treating Time:	0~30 minutes or always on
Interval Time for flexion & extension:	1~10 seconds

STANDARD UNIT

- 1 device
- 1 recovery glove
- 1 mirror glove



HAND REHABILITATION TRAINING DEVICE

FR03



FR03 New launched hand training robot is fingers hand rehabilitation training device suitable for patients with hand dysfunction caused by stroke, cerebral hemorrhage, stroke hemiplegia, and brain injury. The unit is packed with multiple features in one machine: LED touch keypad for easy control, portable rechargeable for convenient use, the intensive/ skip care setting optimizes fingers training flexibly, mirror therapy promotes the rehabilitation of brain autonomy through healthy hand driving affected hand, innovative technology of each finger training one by one to enhance recovery effect, the accessibility of set the different time for extension and flexion based on muscles tension level. The unit helps users relearn through exercise from the 3 levels of nerves, brain and muscles, and rebuild the brain nerves to control the hand movement.

Compact Design

Easy to use and carry ! !



Specification:

Model: FR03

Device Size: 16.2X8.56X4.38cm

Voltage: Type-c 5V2A

Power Consumption: 12W

Working Mode: Automatic Mode/Mirror Mode

Treating Time: 5-60minutes

Extension & Flexion Time: 1-9 Level(s)

Machine weight: 0.5kg



Working Mode:

Automatic Mode: When using the automatic mode the five fingers extension and flexion at same time. Then keep circulating. The strength of the flexion and extension function can be adjust by the patient's personal use feeling and the working time to reach the grasp training function



Mirror Mode: When using mirror mode press the internal control button of mirror glove to control the recovery glove training. Under the mirror working theory the healthy hand drives affected hand, nerves, brains and muscles are learning at the same time. The healthy hand drives the affected hand, the hands move synchronously, activate the mirror neuron. The normal hand motor nerve pathway was copied to the affected hand, and promote the recovery of brain autonomy.



Features:

1. Portable device , can be tied at arm , can be wearing cross body also the waist.
2. Two kinds of treating modes (Automatic Mode/Mirror Mode).
3. 1-9 grades gradient design of extension & flexion Time
(The appropriate extension & flexion time can be adjusted freely according to the user);
4. Working time is adjustable from 5-60 minutes;
5. Manual mode settings (Mirror Mode) with the mirror working theory the healthy hand drives affected hand, nerves, brains and muscles are learning at the same time. The healthy hand drives the affected hand, the hands move synchronously, activate the mirror neuron. The normal hand motor nerve pathway was copied to the affected hand, and promote the recovery of brain autonomy.
6. Automatic mode setting: The automatic mode can adjust the extension and flexion time according to the user's use feeling to achieve functions such as grasping training etc.

