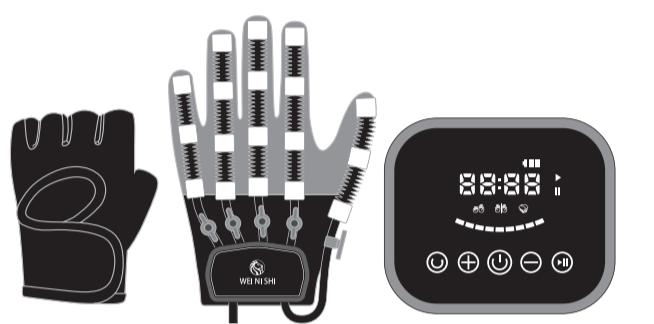


REHABILITATION TRAINING FOR PATIENTS WITH HAND DYSFUNCTION

REHABILITATION ROBOT GLOVES

Hand Flexibility Training
Promoting Blood Circulation
Solving Hand Stiffness

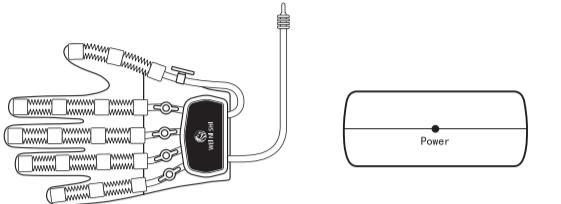


Please read this manual carefully before using the product
Please keep it safe

Confrontation Training

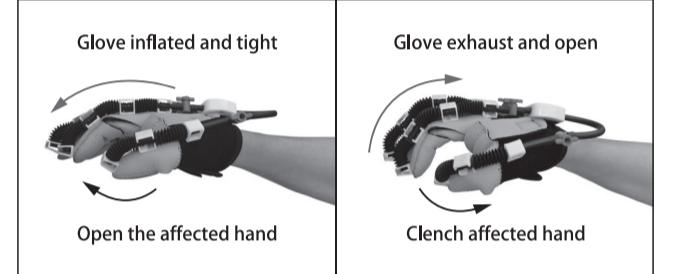
Confrontation training is a type of active opposition to external resistance exercise. The unique innovative confrontation mode of the Wei Ni Shi rehabilitation gloves can uniformly and softly apply resistance to the 5 fingers through the flexible rehabilitation gloves, achieve rapid improvement of hand flexibility and muscle strength.
※Confrontation training is only suitable for patients with at least 3+ hand muscle strength (with certain muscle strength and can resist certain external resistance).

1. Connect the rehabilitation gloves to the "Power" interface of the host, and wear the rehabilitation gloves on the affected hand.



2. Click the "U" power-on button, and select the "confrontation" mode by lightly pressing the "U" button. At this time, it is Level 1.

3. Softly press the "H" button, the host runs the confrontation mode. When the rehabilitation glove is clenched, the affected hand actively resists the glove's opening movement (hand movement is the opposite of the glove's movement); when the rehabilitation glove opens, the affected hand actively resists the glove's clenching action.



4. Use the "+" and "-" buttons to adjust to a suitable resistance level.
※There are 3 levels of resistance adjustable confrontation mode

Product Specifications

Product Name	Hand Function Rehabilitation Robot Gloves
Model	WNS-933
Maximum Size of Host	L135mm×W115mm×H57mm
Weight	426g
Rated Charging Voltage	5V
Rated Charging Current	1A
Time Set	0-40min

Packing List

Particular	Quantity	Particular	Quantity
Host	1	Rehabilitation Glove	1
Mirror Glove	1	Charging Cable	1
Training Ball	1	USB Plug	1
Manual	1	Warranty Card	1

Special Statement:
If the specifications, appearance, color, performance and accessories of the product are changed, the actual product shall prevail without notice.

Safety Instructions

1. Please confirm the hands that need to be trained are not in a stiff state before training. If the hands are stiff, perform artificial manipulation, hot compress, and soft massage gloves until they reach a soft state.
2. Please don't use it alone by unconscious people or young children.
3. If the hand has sprains, traumas, unexplained bone injuries, people with severe bone fragility, people with untreated fractures or people who need to brake after treatment, please do not use this product without approval by professionals.
4. Do not wash the gloves directly with water. Dip a soft cloth in water or neutral detergent, wring it out and wipe the gloves. If necessary, use a rag dipped in a small amount of medical alcohol for cleaning or disinfection, then use it after it is completely dried.
5. Do not use a power adapter with a voltage greater than 5V 2A. Please keep the power connector dry and water-free. Do not allow unconscious people or children to perform this operation.

Warranty and After-sales

1. The host of this product is guaranteed for one year free of charge under normal use conditions during the warranty period. The gloves are guaranteed for three months free of charge under normal conditions of use (from the date of purchase, the sales certificate shall prevail).
2. If damage is caused by unauthorized disassembly, abnormal use of the equipment, inconsistent use environment, improper maintenance or storage during the warranty period, material cost or service fee will be charged as appropriate.
3. Wei Ni Shi hand functional rehabilitation robot gloves are for personal use at home only, and cannot be shared by many people in institutions. If they are used in institutions, the manufacturer cannot bear the corresponding warranty and after-sales service.

Common Questions

Q: How long will I see the effect?

A: After a cerebral stroke, the plasticity of the brain is a long-term process, not immediate results, but gradually improved through physical training(PT). According to the different conditions of patients, the course of rehabilitation and curative effect are very different. Under normal circumstances, the recovery of hand function is slower than other parts, so in the process of rehabilitation training, not only passive activities, but also active activities are required. It is good for both to take into account the rehabilitation effect. Expert's message: "Hand function rehabilitation brings great difficulties to patients' lives, and the rehabilitation process is often difficult, which is an unchangeable status. To achieve the best rehabilitation results, the most important thing is confidence, patience and persevere scientific rehabilitation training."

Q: How should the hand function rehabilitation robot be used?

A: It is recommended to choose the appropriate number of training times and training methods according to your actual situation; generally it can be used 2 to 4 times a day for 20 minutes each time. It should not be too long each time. If there is soreness in the hands the next day after training, you have to reduce the number of training sessions per day.

Wenzhou wei ni shi Intelligent Technology Co., Ltd.
Wenzhou Kaiyan Electric Co., Ltd. (Production)
Add: No. 7, Juxin Road, Juguang Park, Lucheng
District, Wenzhou City, Zhejiang Province.
Service Hotline: 400-8598-001

Warranty Card

NO:	Date of Purchase:
Customer:	Dealer :
Name:	Name and address:
Address:	
Telephone:	

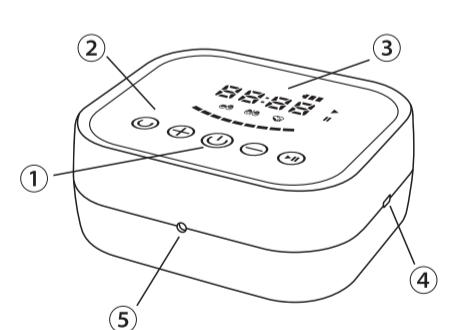
Dear Customer
Thanks for your choice
You can enjoy the following after-sales service from the day of purchase:

- ◆ Free maintenance for product quality problems within one year;
- ◆ If the product is repaired due to product quality problems within one year, the repair fee is exempt;
- ◆ Please present the invoice or sales voucher and go to the store for the return and exchange procedures;
- ◆ When returning the goods, you must ensure that the appearance of the product is intact and has not been used, and it will not affect the secondary sales of the merchant;
- ◆ The interior and exterior color box manuals and non-destructive:
- ◆ If there are gifts, they must be returned together;
- ◆ If the product is returned within three months:
- ◆ Please present the invoice or sales voucher and go to the store for the host repairing procedures;
- ◆ The appearance of the host must be without obvious marks of damage;

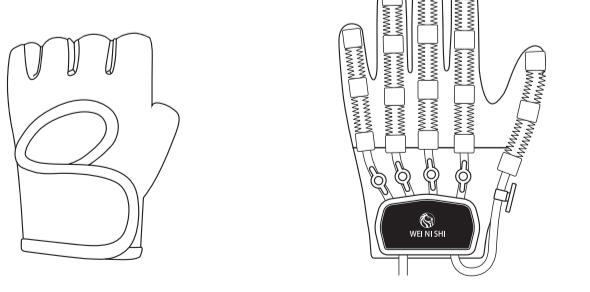
Product Qualification Certificate	Product Qualification Certificate Checked by 
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Product Description

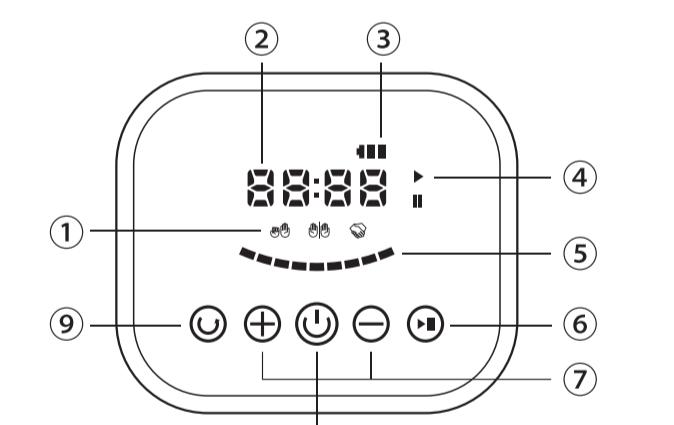
The Wei Ni Shi hand functional rehabilitation robot glove combines flexible robotic technology and neuroscience. It uses flexible pneumatic bionic muscles as a power source to help users relearn through exercise and improve hand mobility from the three aspects of nerves, brain, and muscles, speed up the recovery process of hand function.



①.On/Off Button ④.Charging Port
②.Main Control Button Area ⑤.Rehabilitation Glove Interface
③.Display Area



Host



Display Area

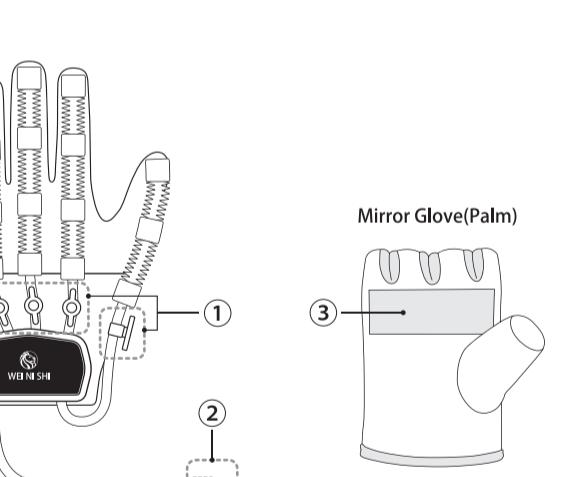
1. Mode display area, including: automatic, mirror and confrontation modes
2. Timing Function: record the duration of a single training session
3. Battery status display
4. Status Display, including: host is running, host is paused
5. Level Display

Touch Button Area

6. Start/Pause Button, press softly once to switch the host to start or pause.
7. Level Adjustment Key, softly press the "+" to increase one level, softly press the "-" to decrease one level.
8. On/Off Key, used to control the host power on and power off.
9. Mode Switch Key, can switch the host mode.

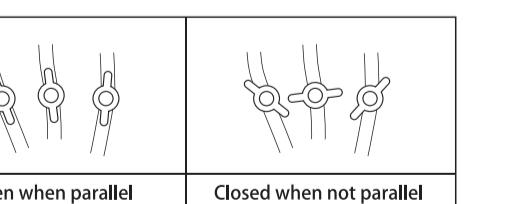
※A total of 9 levels can be adjusted in automatic mode, and 3 levels can be adjusted in confrontation mode.

Glove Part



1. Single Finger On/Off Valve

The valve wrench is open when it is parallel to the air pipe



2. Glove connector connect with the "Power" interface of the host when use.

※The trachea of the power glove cannot be bent when use!

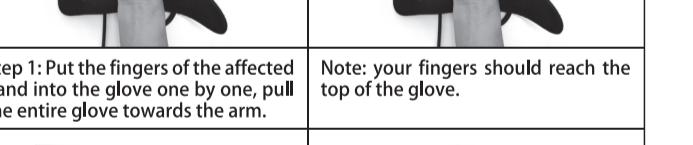
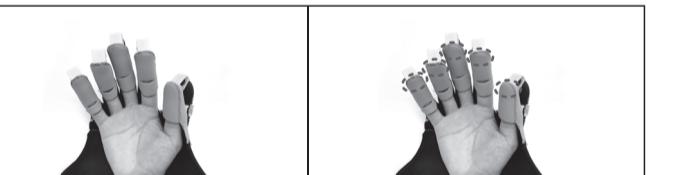
3. Mirror Glove Sensor

※If you find that the mirroring function is invalid or stuck, please charge the mirroring glove sensor in time.

Glove Wear

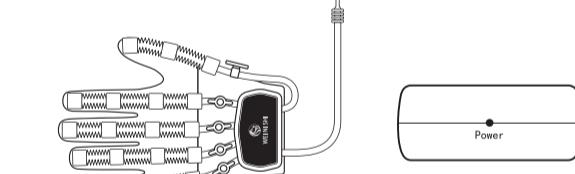
Precautions for Wearing Gloves

1. Choose the appropriate size and specifications before use, so as not to affect the use effect.
2. For those with stiff fingers due to high muscle tension and difficulty in wearing, you can knead the affected limb for 5 minutes first.
3. It is recommended to wear gloves in a sitting or lying position.



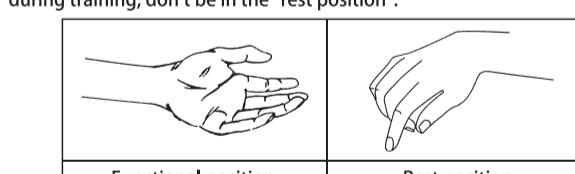
Automatic Training

1. Connect the rehabilitation gloves to the "Power" interface of the host, and wear the rehabilitation gloves on the affected hand.



2. Click the "U" power-on button, the default initial state of the host is: "automatic" mode, level4.

3. The affected hand is in the "functional position" or "neutral position" during training, don't be in the "rest position".



4. Click the "H" button, the rehabilitation gloves can flexibly drive the affected hand to start the automatic flexion and extension training of the hand.

5. Use the "+" and "-" buttons to adjust to a suitable level.

※A total of 9 levels can be adjusted in automatic mode.

Level	Muscle Tension	Standard	Recommend Level
Level 0	Paralysis period	No response to passively moving limbs	Level 1-3
Level 1	Low tension	Weakened limb response to passive movement	Level 3-5
Level 2	Normal	Passively moving limbs have resistance response	Level 5-7
Level 3	Mild to moderate increase	Difficulty in passive movement and persistent resistance response in the limbs	Level 7-9
Level 4	Stiff	Stiff and unable to move during passive flexion and extension	It is recommended to use massage or hot compress first, and then use after the muscle tension drops to level 3.

Mirror Training

Mirror training, generally speaking, is the coordinated movement of the intact side hand and the affected hand to stimulate the primary motor cortex, which can significantly improve the patient's limb perception, highly restored to the real scene of manual functional exercise, and effectively activate the central nervous system and promote upper limbs function of the stroke hemiplegia.

1. Connect the rehabilitation gloves to the "Power" interface of the host, wear rehabilitation gloves on the affected side and mirror gloves on the intact side.



2. Click the "U" power-on button, and select the "mirror" mode by lightly pressing the "U" button.

3. Lightly press the "H" button, the host runs the mirror mode, after the intact side hand is clenched (need to touch the mirror glove sensor), the affected hand is driven by the rehabilitation glove to synchronously make a fist; after the intact side hand is opened (need to leave the mirror glove sensor), the affected hand is opened synchronously under the drive of the rehabilitation glove.



4. The user needs to actively focus on the mirror motion of the hands during the left and right hand mirror image training, so that it can stimulate the brain motor central nervous system more efficiently to enhance the rehabilitation effect.

※If you find that the mirroring function is invalid or stuck, please charge the mirroring glove sensor in time.

FCC Warning:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications to this device not explicitly approved by manufacturer could void your authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 0cm between the radiator and your body.