



Massage Robot

YL-R1

Product Manual

Artificial Intelligence Core Algorithm
Technology Empowerment
Human-Machine Collaboration

IMPORTANT NOTICE

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COMFORTABLE MASSAGE ROBOT YL-R1

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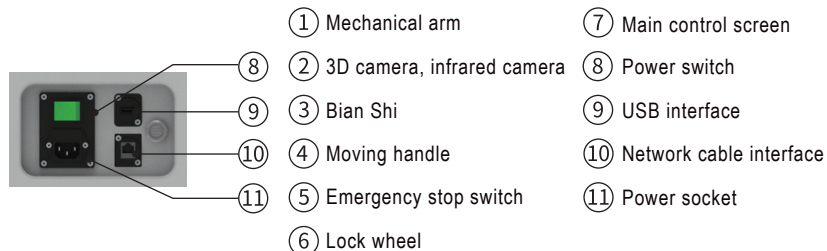
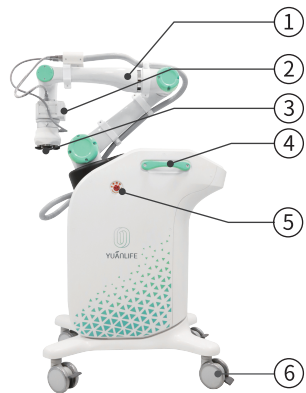
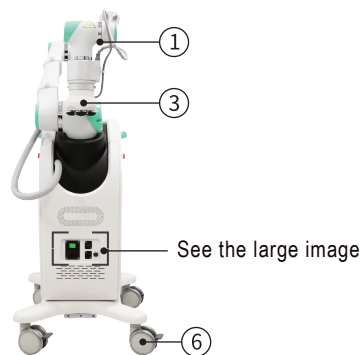
PRODUCT INTRODUCTION

The Comfortable Massage Robot applies artificial intelligence recognition and intelligent force control technology, making massage no longer monotonous. It can identify common tense areas such as the shoulders, neck, and back, and through gentle rhythms and warm touch, it brings a more natural, more fitting and more understanding comfortable experience. Paired with natural Bian Shi massage heads, their unique warm and smooth touch makes relaxation more ritualistic. With just a gentle touch, tense emotions and accumulated stress can gradually "relax". Whether it's stiffness after sitting for a long time or fatigue after a busy day, you can find a private moment of relaxation here.

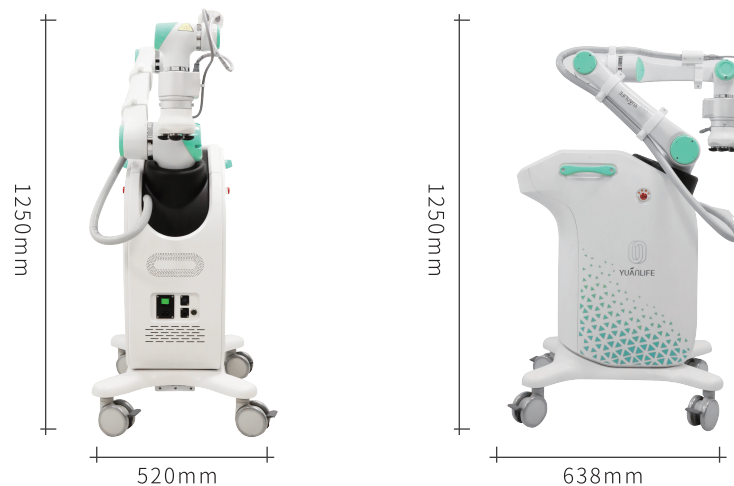


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PRODUCT DESCRIPTION

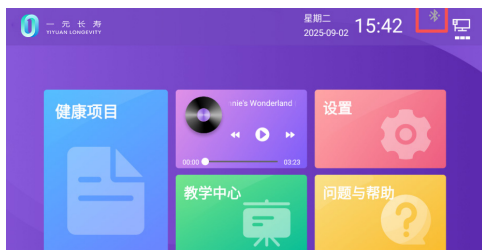


SPECIFICATIONS AND PARAMETERS



Touch Screen: 10.1 inches
 Support System: Android
 Support Languages: Chinese, English
 Mechanical Arm: High-precision 6-axis collaborative mechanical arm
 Camera: 3D vision + infrared camera
 Infrared Thermal Imaging: Temperature monitoring
 System: Artificial Intelligence Acupoint Recognition System
 Force Control: High-precision six-dimensional force control sensor
 QR Code Scanner: Accurately scan product (essential oil) codes
 Massage Head: Bian Shi
 Power Supply: 100-240 AC, 50/60Hz
 Input Power: 300VA
 Dimensions: 638x520x1250mm
 Weight: 100KG
 Safety Type: Class I
 Environmental Temperature: 5-45°C
 Relative Humidity: 30%-83%
 Network Access: Wired network, mobile network, Wi-Fi
 Temperature delivered to the skin: 37-60° C

Bluetooth and Network Connection Example



1: On the home screen of the app, press and hold the Bluetooth logo for 2 seconds to access the relevant settings.



#: When the connection is successful, the status will be displayed as "Connected".



#: Tap Start Scan. If there is no response, press the "M" button on the remote control and then tap Start Scan again.

#: Ensure the indicator light on the remote control is flashing. If the light does not flash (indicating no power), the operation will not work.

USAGE SPECIFICATIONS

1. To ensure the equipment can start normally, please check if the two emergency switches of the instrument have been pressed before powering on. If they have been pressed, turn them counterclockwise to open them before starting the equipment normally.
2. Startup procedure: Connect the power supply. Turn on the power. Wait for successful startup.
3. The equipment must have a good 4G signal for normal operation.
4. When the therapy bed is against the wall, the bed and the wall should be kept at a distance of more than 10 cm.
5. During the image recognition and shooting process of the equipment, please ensure that there are no objects higher than the human body surface within the recognition range (the red box) and that the distance between the human body and the probe is maintained between 55-65 cm (the normal height of the therapy bed is 60 cm 70 cm).
6. When shooting and recognizing the human body, keep the depth map target human body on the right side of the shooting interface intact.
7. During the shooting and recognition process, after determining the massage range, lock the 4 device fixing wheels first, wait for the equipment to stabilize, and then click "Take Picture".
8. If the equipment has abnormalities, cannot be controlled, or other situations requiring interruption of the massage, you can use the emergency stop device. Before using it again, turn the emergency stop device counterclockwise, click "Robot Reset", and then the equipment can operate normally.
9. During the use of the equipment, keep the power cord firmly in contact with the socket.
10. When the equipment is not in use, keep it clean and dry.
11. Avoid damaging or squeezing the power cord of the equipment.
12. Ensure that the environment where the equipment is used and stored is dry. Be cautious of potential fire and water hazards.
13. When moving or transporting the machine, do not touch the mechanical arm and it must be reset before it can be operated.

CONTRAINDICATIONS

1. Pregnant women, breastfeeding mothers, and those in their menstrual period should avoid use.
2. Caution should be exercised for those with skin damage, eczema, urticaria, pigmentation spots, etc.
3. People with severe heart disease, hypertension, and those sensitive to electric current should avoid use.
4. Prohibited from use around areas where metal implants are present, such as cardiac pacemakers, cardiac stents, artificial hearts, etc. in medical electronic devices.
5. For large surgeries like cesarean section and liposuction, use is allowed only three months after the surgery; for large-scale injections such as shoulder slimming injections and fat filling in body areas, use is allowed only one month after the injection.
6. Teenagers and children under 16 years old should use with caution.
7. Other areas can be treated after half a year of interventional surgery.
8. Those with uterine bleeding, vaginal bleeding, or subcutaneous bleeding should use with caution.
9. Prohibited for use within two months after venous surgery (or venous sclerosis) if there is varicose veins or numbness in the limbs, or if there is a condition of impaired blood clotting function.
10. Those with blood diseases such as thrombocytopenic purpura, aplastic anemia, immune diseases (such as lupus erythematosus) should use with caution or avoid use.
11. Those who have been taking long-term medications such as anti-inflammatory drugs, anticoagulants, antibiotics, antihistamines, etc. or whose skin may have bruises due to minor collisions, as well as patients with impaired blood clotting function, should consult a doctor before using.

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.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: 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.
- This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.