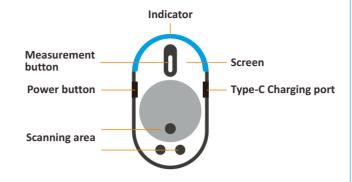
QLEADTEK

CaroCare Biomolecular Scanner

1. Package Contents

- ① amor CaroCare
- ② Quick guide
- ③ USB Type-C charging cable ④ Accessories pack
- 2. Getting to know CaroCare Biomolecular Scanner



- Android

3. Installing amor CaroCare APP

(This product is suitable for devices with Bluetooth 4.2 and above)

② If you need to install software on the PC, please contact the local dealer or the original service center.

1 Please search for amorCaroCare in Apple Store/Google Play,

or use the QR Code below to download and install.

4. APP operation instructions

4-1. Account Registration & Device Pairing

To register an account on the APP, you have to connect to the network; please check whether there is a network connection and then open the APP, and follow the instructions below to register and pair the device

- $\ensuremath{ \mbox{\Large 1}}$ After entering the APP startup screen, click "Register" .
- ② If you are not connected to the network, the following warning message will appear: Please check the connection again. If you are already connected to the network and receive this message in error, please disregard it.
- When you open the app for the first time, you must first agree to the product disclaimer. Please read the terms of service and check the box in front of "I am over 18 years old."
- 4 Enter the mobile phone number, then tap "Send SMS".



- (5) You will receive a verification code on your phone; please fill in the verification code and tap "Verify".
- (6) After the verification is complete, please set a password. After the setting is complete, tap "OK".
- ② After setting the password, please fill in your personal information in the blanks, and tap "Save".
- (8) After the registration is completed, please re-enter your mobile phone number and password to log in to your account.



- After logging in, you need to pair with the device; tap "Enable Bluetooth
 Authorization" and agree to the Bluetooth authorization on your phone.
- (10) After completing the Bluetooth authorization, turn on the power of the device, and the APP will automatically search for the device. If no number is displayed, please tap "Search again".
- (1) If the device is found, a number will appear; check if the number on the device is the same as the displayed number, and tap "Pair".
- (2) The main screen appears, and "device ready" is displayed, indicating that the pairing is successful, and the measurement can be started.



4-2. Measurement operation instructions

If you use it for the first time, please refer to 4-1 to register an account.

- ① After entering the APP startup screen, tap "Login", and make sure that Bluetooth and Internet connectivity are enabled.
- 2 Log in to your account and turn on the power of the device.
- 3 The main screen appears, and "Device Ready" is displayed, indicating the pairing is successful, and the measurement can start.
 4 Press the measurement button on the device; it will enter the pre-scan
- mode first, and the "detecting signal" will be displayed.

 S After the pre-scan mode, it will enter the measurement mode and display
 "tasting". Follow the progress of the indicator and keep your palm steady.
- "testing". Follow the progress of the indicator and keep your palm steady for 90 seconds.
- (6) When the message "test completed" is displayed, it means that the measurement has been successful.

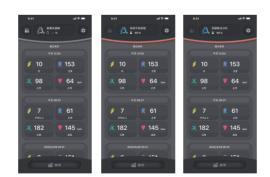


4-3. Information on other messages

The main screen appears, and it shows "device not connected". Please go to "Settings" to re-pair successfully, and you can start measuring.

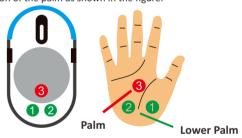
In scan mode - if you press the measurement button, it will display "signal cannot be analyzed".

In the measurement mode, if it displays "No signal detected", it means that your palm may have left the device during the measurement; please try again.



5. Measurement method

5-1. The 1.2.3 measuring points of the device must be aligned with the relative position of the palm as shown in the figure.



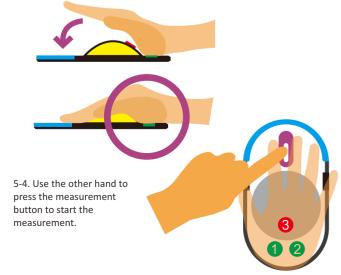
5-2. First place the lower part of the palm above the measuring point 1.2. of the device.

*Note that the palm must completely cover measuring point 1.2. If the detection point can still be seen between the palm and the device, please move the palm slightly so that the palm can completely cover it.



5-3. After completely covering measurement points 1 and 2 of the device with the lower part of your palm, let your fingers rest naturally, and then cover the measurement area of measurement point 3 with your palm.

 * At this time, it is still necessary to pay attention to whether the measurement points 1 and 2 are covered under the palm.





Warnings and Precautions

- This product is only for evaluation and does not provide any function of disease diagnosis.
- This product should avoid strong impact, drop and vibration.
- Do not let children use this product alone without the company of an adult.
- When the product is being used for measurement, do not look directly at the light source of the product.
- If you experience any skin discomfort after the measurement, seek medical attention immediately.
- Do not place the product on an unstable table to prevent the product from tipping or falling and being damaged.
- Do not use or store this product in harsh environments, such as direct sunlight, high temperature, humidity, or near fire sources.
- Do not disassemble or modify this product by yourself.
- Do not measure and use outside the palm of your hand.
- Do not put this product in water.

Federal Communications Commission (FCC) Statement

You are cautioned that changes or modifications not expressly approved by the part responsible for compliance could void the user's authority to operate the 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 of the device.

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. FCC RF Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End users must follow the specific operating instructions for satisfying RF exposure compliance. To maintain compliance with FCC exposure compliance requirement, please follow operation instruction as documented in this

FCC ID : 1218Z81

6. How to use the device 6-1. When the device is connected to the APP:



1 Please press the power button of the device for about 2 seconds to turn on the device, and the pairing code will be displayed at this time. Start pairing the device with the APP.



③ Place your palm (either left or right hand) on the ball, and the palm must completely cover the three detection areas, as shown in the figure.



2 After the pairing is successful, the indicator turns blue, and the startup screen is displayed as above



4 Press the measurement button to start the measurement procedure.



(5) The device will first enter the pre-scan mode, at this time the indicator will move back and forth.



7 After the measurement is finished. the indicator will turn yellow; move your palm away from the ball, and you can get the result on the device screen.



6 After the pre-scan mode is completed, it will enter the measurement mode. According to the progress of the indicator, keep the palm steady for about 90 seconds.



(8) After use, the device will automatically power off if left idle for five minutes.



1 Press the power button of the device for about 2 seconds to turn on the power.



6-2. When the device is not connected to the APP

(3) Press the measurement button to start the measurement.



2 After turning on the power of the device, press the measurement button, and the screen will display the above startup screen.



4) The device enters the pre-scan mode: at this time the indicator will move back



(5) After the pre-scan mode is completed, it will enter the measurement mode. According to the progress of the indicator, keep the palm steady for about 90 seconds.



(6) After the measurement is finished, the indicator will turn white; move your palm away from the ball, and you can get the result on the device screen (no carotenoid

6-3. Other conditions of the device

During the measurement, if the indicator is red, it means there were errors in the measurement; please restart the measurement.





7. Device Display Descriptions



Carotenoid value Indices of antioxidant capacity in the body



Vitality index Provides physical vitality status



Relaxation index Provides daily stress levels

Heart rate The number of heart beats per minute

8. Classification of carotenoids



1 extremely low 2 very low 3 low 1.0~1.9 2.0~2.9 3.0~3.9 6 above average 4 below average 5 average 5.0~5.9 4.0~4.9 6.0~6.9 7 good 8 excellent 9 high 7.0~7.9 9.0~9.9 8.0~8.9 10 fairly high 11 very high 12 extremely high 11.0~11.9 10.0~10.9 12.0~12.9

9. Vitality index standard table

power off if left idle for five minutes.

7 After use, the device will automatically

Vitality index

(Male)

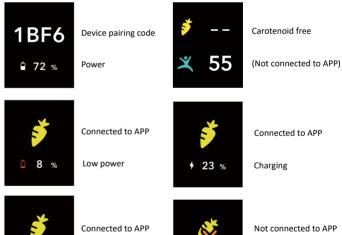
Age	20	25	30	35	40	45	50	55	60	65	70	75	80
Slightly high	≧ 55	≧52	≧ 50	≧47	≧45	≧ 42	≧40	≧37	≧34	≧32	≧29	≧ 27	≧ 24
Normal	36-54	34-51	33-49	31-46	29-44	27-41	26-39	24-36	23-33	21-31	19-28	17-26	15-23
Slightly low	29-35	28-33	26-32	25-30	24-28	22-26	21-25	19-23	18-22	17-20	15-18	14-16	13-14
Moderately low	22-28	21-27	20-25	19-24	18-23	17-21	16-20	15-18	14-17	13-16	12-14	11-13	10-12
Severely low	16-21	15-20	14-19	13-18	13-17	12-16	11-15	10-14	10-13	9-12	8-11	7-10	7-9
Extremely Low	≦ 15	≦ 14	≦ 13	≦ 12	≦ 12	≦ 11	≦ 10	≦ 9	≦ 9	≦ 8	≦ 7	≦ 6	≦ 6

Vitality index

(Female)

•															
Age	20	25	30	35	40	45	50	55	60	65	70	75	80		
Slightly high	≧55	≧52	≧49	≧47	≧44	≧42	≧39	≧37	≧34	≧31	≧29	≧ 26	≧24		
Normal	36-54	34-51	32-48	31-46	29-43	27-41	25-38	24-36	22-33	20-30	19-28	17-25	15-23		
Slightly low	29-35	28-33	26-31	25-30	23-28	22-26	21-24	19-23	18-21	16-19	15-18	14-16	12-14		
Moderately low	22-28	21-27	20-25	19-24	18-22	17-21	16-20	15-18	14-17	13-15	12-14	11-13	9-11		
Severely low	16-21	15-20	14-19	13-18	13-17	12-16	11-15	10-14	10-13	9-12	8-11	7-10	7-8		
Extremely Low	≦15	≦ 14	≦ 13	≦12	≦ 12	≦ 11	≦10	≦ 9	≦ 9	≦ 8	≦ 7	≦ 6	≦ 6		

11. Browsing Device Information





Power



10. Relaxation index standard table

Relaxation index

(Male)

Age	20	25	30	35	40	45	50	55	60	65	70	75	80
Slightly high	≧ 55	≧51	≧ 48	≧45	≧42	≧ 39	≧ 36	≧ 33	≧ 30	≧27	≧24	≧ 20	≧ 17
Normal	36-54	34-50	32-47	29-44	27-41	25-38	23-35	21-32	19-29	17-26	15-23	13-19	11-16
Slightly low	29-35	27-33	26-31	24-28	22-26	21-24	19-22	17-20	16-18	14-16	12-14	11-12	9-10
Moderately low	22-28	21-26	20-25	18-23	17-21	16-20	15-18	13-16	12-15	11-13	9-11	8-10	7-8
Severely low	16-21	15-20	14-19	13-17	13-16	12-15	11-14	10-12	10-11	9-10	8	7	6
Extremely Low	≤ 15	≤14	≤ 13	≤ 12	≤ 12	≤ 11	≤ 10	≤ 9	≤ 9	≤ 8	≤ 7	≤ 6	≤ 5

Relaxation index

(Female)

Age	20	25	30	35	40	45	50	55	60	65	70	75	80
Slightly high	≧ 63	≧ 59	≧ 55	≧ 52	≧ 48	≧ 44	≧ 41	≧ 37	≧ 33	≧ 30	≧ 26	≧ 22	≧ 19
Normal	41-62	39-58	36-54	34-51	31-47	29-43	26-40	24-36	22-32	19-29	17-25	14-21	12-18
Slightly low	33-40	31-38	29-35	27-33	25-30	23-28	21-25	19-23	18-21	16-18	14-16	12-13	10-11
Moderately low	26-32	24-30	23-28	21-26	20-24	18-22	17-20	15-18	13-17	12-15	10-13	9-11	7-9
Severely low	18-25	17-23	16-22	15-20	14-19	13-17	12-16	10-14	9-12	8-11	7-9	6-8	5-6
Extremely Low	≦ 17	≦16	≦ 15	≦ 14	≦13	≦ 12	≦ 11	≦ 9	≦ 8	≦ 7	≦ 6	≦ 5	≦ 4

12. Charging the device

- 1 Precautions for charging:
- * It is recommended to charge the battery for 8 hours for the first time (more than 100 continuous measurements can be made), and it takes about 8 hours to recharge each time the battery is
- st When the battery is low (less than 20%), a low battery symbol will be displayed on the screen.
 - When the battery power is lower than 10%, the device will automatically shut down.
- 2 Battery charging steps:

Please connect the charging cable to the USB Type-C port, and then connect the other end of the cable to the power supply. (When charging, the screen will display the charging progress)

13. Product specifications:

Product Name/Model CaroCare Biomolecular Scanner / 8Z81 200 x 110 x 34.5 mm Dimension

Weight

270 g LCD display Interface

5200mAh rechargeable lithium battery Battery information Input

Optical signal sampling rate: 250 sampling points/second, heartbeat measurement range: 45-200 bpm Analog/digital conversion: 14 bit

Output Bluetooth BLE5.0

Working temperature: 0°C~40°C, storage and transportation temperature: -20°C~60°C Relative humidity: 15 to 93% (non-condensing)

14. Maintenance and cleaning

Environment

(1) It is recommended to wipe the surface of the instrument gently with a clean soft cloth

dampened with a little water or 75% alcohol at least once a month.

2) Store this product in accordance with the environmental conditions specified in the product specification to avoid damage to the machine.

15. Manufacturer information

Manufacturer Name: Leadtek Research Inc.

Manufacturer Address: 18th Floor, No. 166, Jianyi Road, Zhonghe District, New Taipei City Consumer service telephone: +886 2 82265800

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