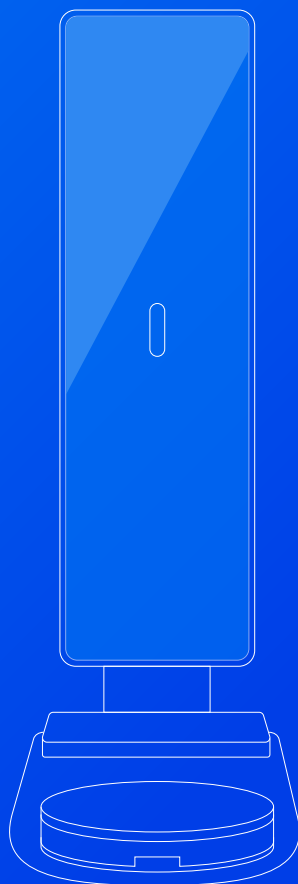


Visbody-M30

3D BODY SCANNER

Product User Manual



VISBODY

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| Part1 Product Profile

Visbody-M30 3D body scanner is a 3D intelligent body measurement product produced by Visbody Technology and combined with automatic mechanical turntable measurement

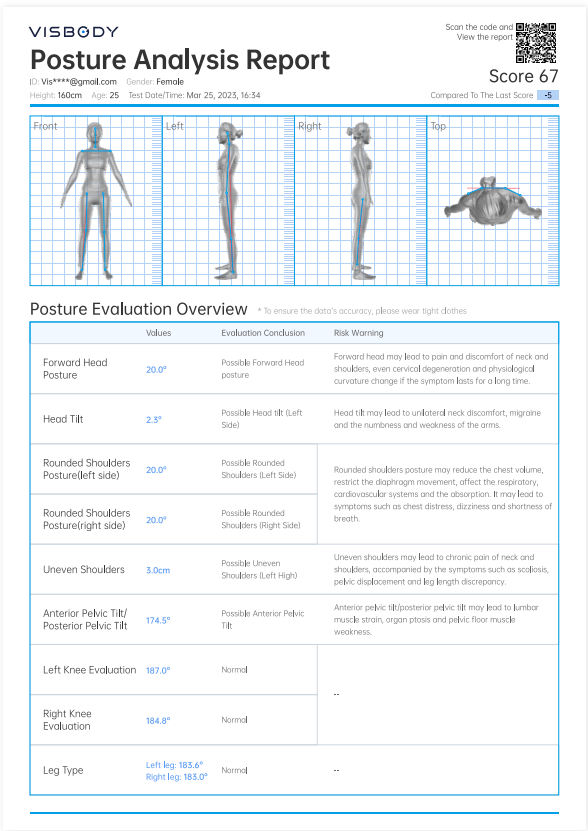
method. It adopts AI vision and optical 3D modeling technology to display high-precision real 3D models for users. It provides users with accurate information on posture, body composition, body circumference, etc. human data for detection.

1.Product Features

The Visbody-M30 3D body scanner can perform four measurements:

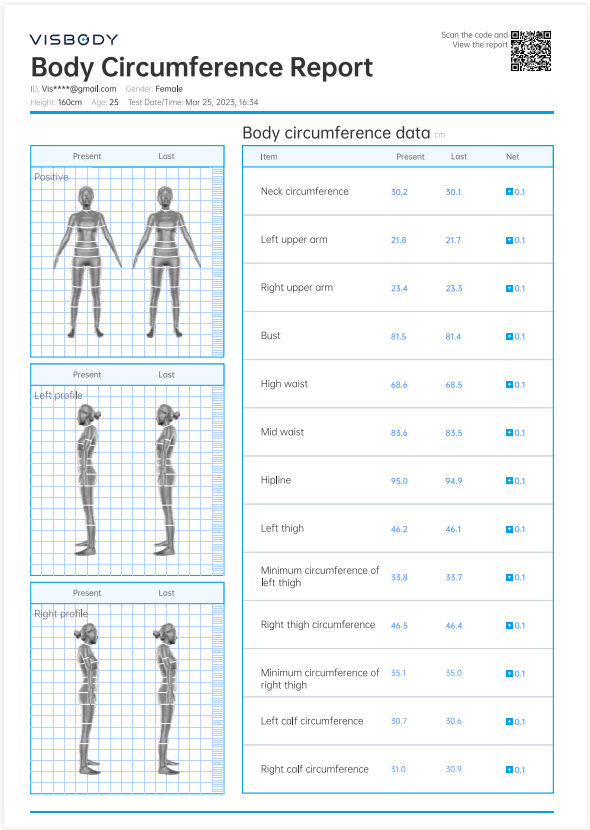
Intelligent Body Posture Assessment

- The Visbody-M30 utilizes three-dimensional skeleton point detection technology to perform 3D intelligent posture detection for 9 comprehensive indicators of the entire body, with millimeter-level accuracy, allowing for a realistic visualization of the 3D model of the human body.
- Head forward, head tilt, round shoulders, pelvis forward/backward, high and low shoulders, leg shape analysis (X/O/K/D leg shape judgment), knee joint evaluation (hyperextension / forward flexion) and leg type (X/O/D/K leg type)



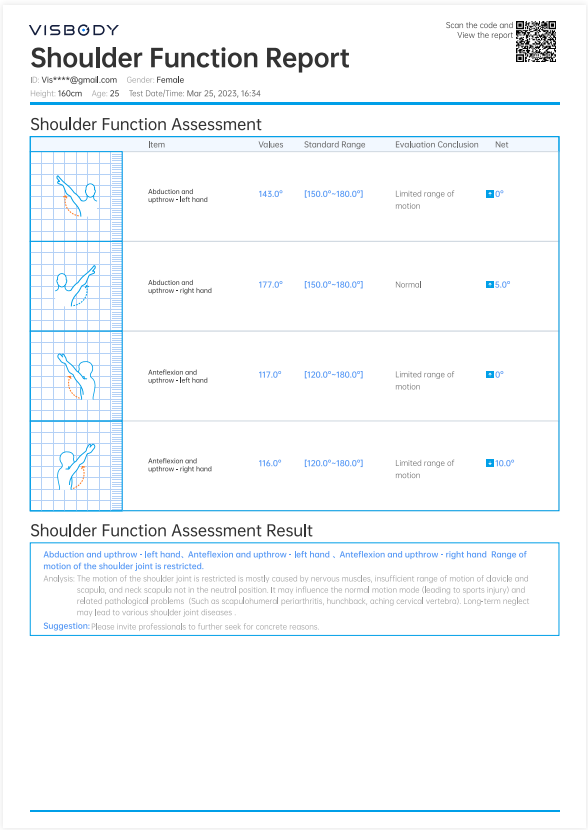
Body Circumferences Assessment

- Visbody-M30 measures within 30 seconds and automatically generates a 360° real 3D model of the human body with 13 body circumferences and perfectly restoration of body posture.
- Neck circumference, Left upper arm circumference, Right upper arm circumference, Chest circumference, High waist circumference, Mid waist circumference, Hipline circumference, Left thigh circumference, Minimum circumference of left thigh, Right thigh circumference, Minimum circumference of right thigh, Left calf circumference, Right calf circumference..



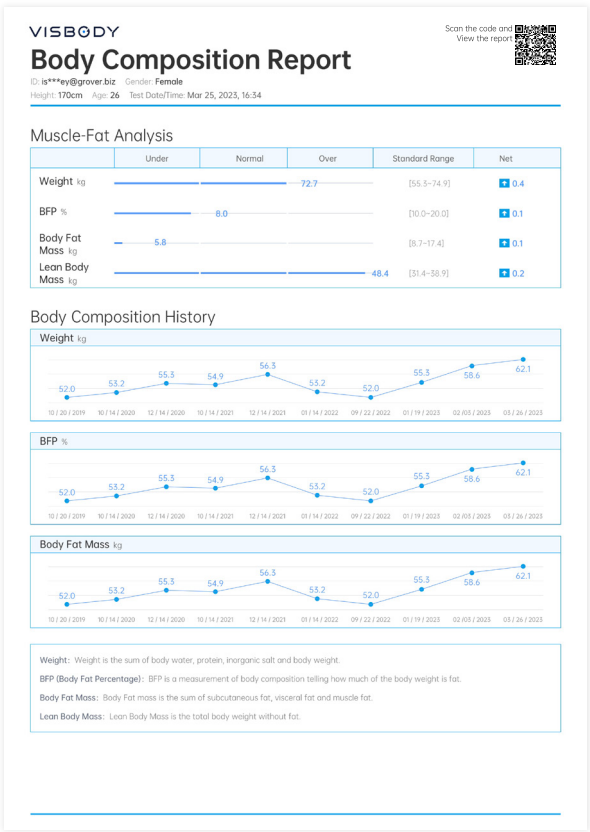
Dynamic Labs

- Visbody-M30 adopts dynamic tracking technology to evaluate the range of motion of the shoulder in different directions, arousing user's attention to the problem of limited movement and pain, effectively preventing sports injuries, improving sports efficiency and improving the quality of life.
- Abduction supination and forward flexion supination can be used to check whether the shoulder function is normal.



Body Composition Measurement

- Body composition assessment has a high reference value for health and nutritional level assessment. BDA (Bio-Density Analysis) technology analyzes various body composition data by calculating the relationship between the overall volume of the human body, the volume distribution of the trunk and limbs, and the body weight, thereby calculating the body density.
- Visbody-M30 can perform 4 core body composition measurements, and provides 4 control and analysis recommendations based on the World Health Organization recommended standards to support a healthy lifestyle.



2.Designed For

Height Range (Posture & Shape) : 130-200cm

Height Range (Dynamic Labs) : 130-192cm

Turntable max load Capacity: 180kg

⚠ Caution: In order to avoid the risk of falling during turntable rotation process, we strongly recommended that the elderly and dizziness-prone people who feels unwell do not use.



3.Visbody-M30 Parameters

Power Supply: 24V $\equiv$ 5A

Working Temperature: 0~40°C

Relative Humidity: 20%~90%

Storage Temperature: -20~50 °C

Network Interface: Ethernet

Turntable max load capacity: 180kg

Measurements:

Scanner: 1860mm (H) * 550mm (W) * 340mm (T)

Turntable: 92mm (H), 450mm (DIM)

Floor Mat: 1630mm (L), 600mm (W)

Weight

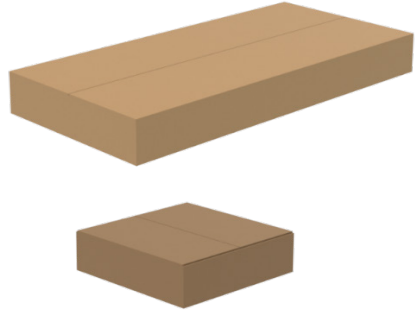
Scanner: 47kg

Turntable: 7kg

| Part2 Product Assembly

1.Product Unpacking

Use special tools to pry open the wooden box and take out all parts and place it on the ground separately.



Cut the tape along the box seam

Remove the white foam

Take out the device and place it on the ground.

⚠ Attention: Confirm the right direction to place the device



Product Unpacking(Scanner)

- 1.Move the packing box to where the device to be installed.
- 2.Unpack the box along the midline.
- 3.Take out the first piece of white foam.
- 4.Lift the device from both sides and place it on the ground.
- 5.Take out the remaining items in the box, such as adapter, power cable, posters, etc.

Product Unpacking(Support Structure&Base)

- 1.Move the packing box to where the device to be installed.
- 2.Unpack the box along the midline.
- 3.Take out the first piece of white foam.
- 4.Take out the support structure, base, floor mat and PE bag with accessories from the carton and place it on the ground.



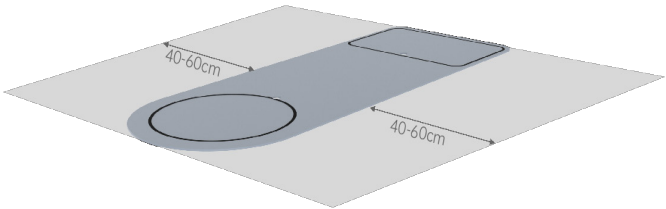
Product Unboxing 3 (Turntable)

- 1.Move the packing box to where the device to be installed
- 2.Unpack the box along the midline
- 3.Take out the first piece of white foam
- 4.Take the turntable and wire from the carton and place it on the ground



2.How to place the device

1) The mat should be placed on the hard ground and the overall flatness of mat should be guaranteed; Floor mats need to be reserved 40-60cm to support users standing on the turntable with hands open at 30 degrees.



2) The device and turntable should be placed at the right position that been marked on the floor mat.



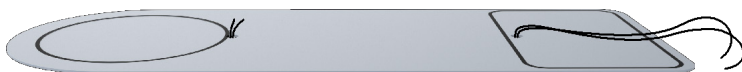
3) Please avoid direct sunlight to the camera area on the front of the device when placing it. Avoid placing the device as the images shown. If you have to place it near the window, please pay attention to installing the blackout curtains to ensure the normal use of equipment.

4) The light of the environment where the equipment is located must be kept bright. If the light is weak, a page reminder will be given after turning on.

3.Product Assembly

1) Floor mat:

Place the floor mat flat in the right position, put the power cord and communication line of the turntable through the mat gap and hide it under the mat, only the two ends are exposed, as instructed below:



2) Turntable:

Place the turntable on the round area of the floor mat.



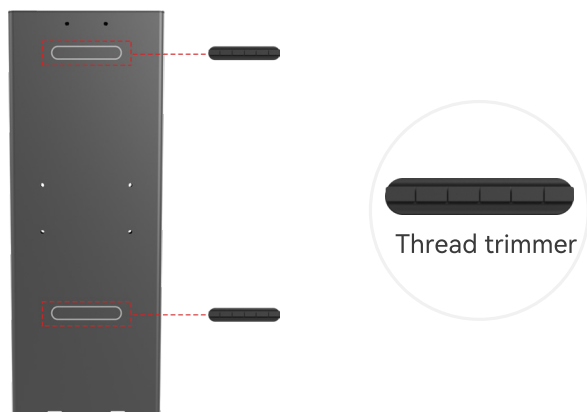
3) Place the base:

Place the base on the rectangle area of the floor mat.

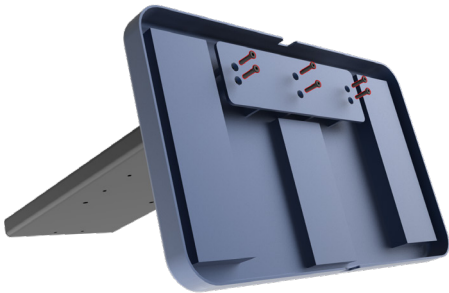


4) Place the support structure:

⚠ Attention: The support structure has front and back sides. As the below picture shows, there are two markings on the back. You can attach thread trimmers at the marked positions, and assemble the front side and mirror together [as shown in (5) below]



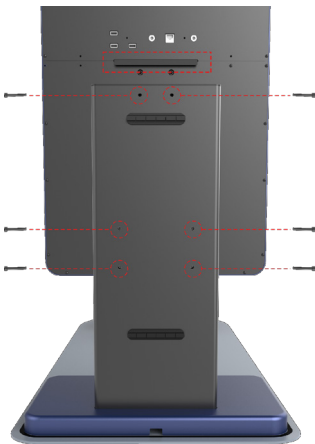
Put the support structure upright and insert it into the socket of the base, then tighten the six screws to connect the support structure and base.



⚠ Suggestion: Before installing the support structure, please tidy up the wires on the base. After passing the power and communication cables of the turntable through the circular hole on the base's underlying mat, thread them through the two gaps in the front and back of the base.

5) Place the mirror:

There is a long metal hook below the mirror. Hang the hook in the groove above the support structure, then tighten the six screws to connect the support structure and mirror.



5) Place the mirror



6) Fix anti-tipping strap

6) Fix anti-tipping strap:

Fix one end of the anti-tipping strap (adjustable length) to the back of the device with 2 screws. The other end is fixed on the wall with adhesive or self-tapping wall plug (it is recommended that the distance between the wall and the device should be controlled at about 15cm-25cm).

7) Turntable settings:

Connect one end of the power cable and communication cable to the corresponding interface in the groove on the front of the turntable, and the other end of the communication cable to the USB interface on the back of the device; connect the power cable to the power supply.

8) Power on the device:

Plug in the device power cable and network cable at the back of the device.

9) Boot on:

After the power is turned on, press the power button on the side of the device to turn it on.

4.Printer connection

Connect the printer to the USB interface at the back of device

Notes: Visbody only supports the designated printer models. If the printer cannot work after being connected, please contact Visbody to confirm if the printer model is supported.

* Notes for wired network connections

The device needs to be connected to the network cable. The minimum network requirement for normal device operation shall be: bandwidth over 20Mbps, upload and download bandwidth 2Mbps at least (note that the bandwidth must be used by scanner only). If not sure, please contact Visbody team for network test.

【Email template】

To info@visbody.com

From

Subject: Network test

| Part3 Preparation For Use

1.Administrator account registration and settings

Before use, please contact Visbody after-sale team to register the dashboard account, and properly keep the password.

Please contact info@visbody.com in the following format:

To info@visbody.com

From

Subject: Admin account registration

Email address(important, not modifiable)

Company name:

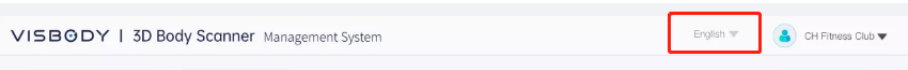
Store name:

SN:

Note: The S/N number is on the nameplate at the bottom back of equipment

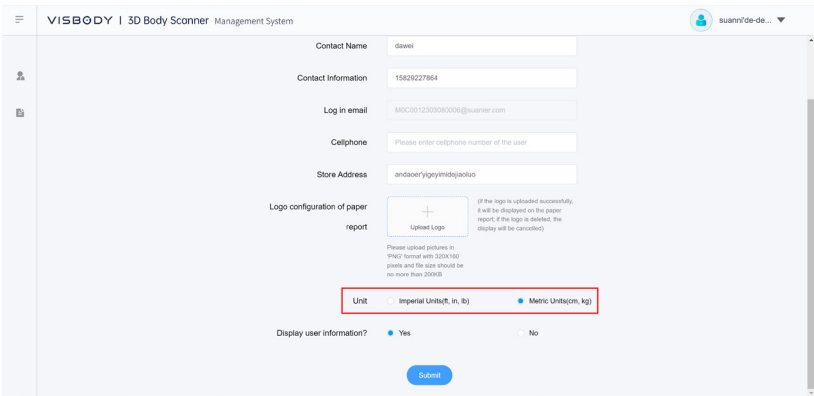
2.Language settings

Visbody default language: English
Go to: M30.dashboard.visbody.com with the admin account
Select your language on the top right of the dashboard



3.Select Units

Visbody default unit: cm,kg
If you want to switch to imperial units, the steps are as follows:
1> After logging in, click the drop-down arrow on the right side of the account to enter the "Account Settings" page.
2>Find the "Unit" option at the bottom of the page, select the appropriate unit system and confirm.

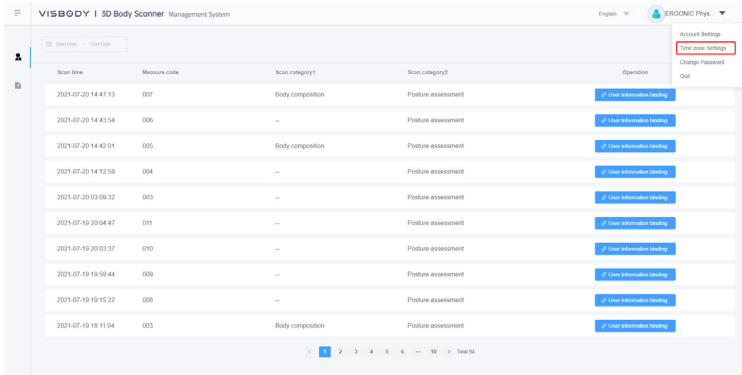


4.Time Zone Settings

Visbody default time zone is Asia/Shanghai
1> After logging in, click the drop-down arrow on the right side of the account and select Time zone settings
2>Please select your current region in the list. You can enter your current city, country or time zone for quick search; After selecting the time zone, save the setting, and after successful saving, [1] will be updated to the new region.
3>Please restart the device after the setting is completed, and the system will automatically obtain the local time zone of the selected area, the time displayed on the device, and the reported measurement time will be displayed as local time.

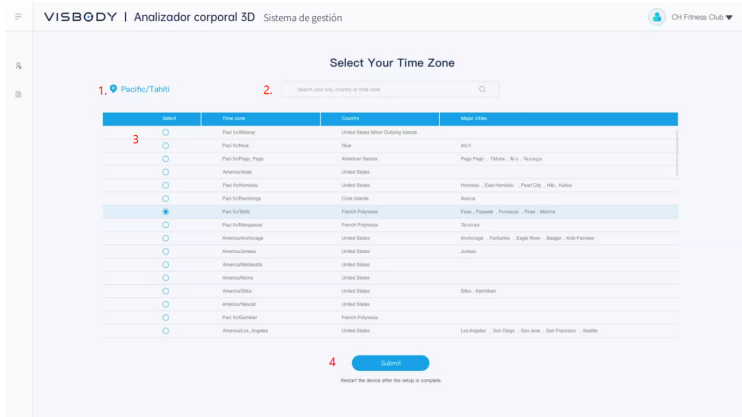
 *Notes:

- 1)The time zone settings will not change the previous report results.
- 2)Do not change the time zone frequently to avoid time error.



The screenshot shows the 'VISBODY | 3D Body Scanner Management System' interface. It features a table with columns: Scan time, Measure code, Scan category1, Scan category2, and Operation. The table lists multiple scan entries with timestamps, measure codes, and categories like 'Body composition' and 'Posture assessment'. Each entry has a corresponding 'View information testing' button. On the right side, there is an 'Account Settings' dropdown menu with options for 'View user Settings', 'Change Password', and 'Out'.

Scan time	Measure code	Scan category1	Scan category2	Operation
2021-07-20 14:47:13	007	Body composition	Posture assessment	View information testing
2021-07-20 14:43:54	006	--	Posture assessment	View information testing
2021-07-20 14:42:01	005	Body composition	Posture assessment	View information testing
2021-07-20 14:12:59	004	--	Posture assessment	View information testing
2021-07-20 03:09:32	003	--	Posture assessment	View information testing
2021-07-19 20:08:47	001	--	Posture assessment	View information testing
2021-07-19 20:03:37	010	--	Posture assessment	View information testing
2021-07-19 19:59:44	009	--	Posture assessment	View information testing
2021-07-19 19:15:22	008	--	Posture assessment	View information testing
2021-07-19 18:11:04	005	Body composition	Posture assessment	View information testing



The screenshot shows the 'VISBODY | Analizador corporal 3D Sistema de gestión' interface. It features a 'Select Your Time Zone' dialog box. The dialog has a search bar and a table with columns: Index, Time zone, Country, and Main cities. The table lists various time zones and their corresponding countries and main cities. A 'Submit' button is at the bottom right.

Index	Time zone	Country	Main cities
1	Pacific/Tahiti	United States Minor Outlying Islands	
2	Pacific/Midway	United States Minor Outlying Islands	
3	Pacific/Honolulu	Hawaii	Honolulu
4	Pacific/Saipu	Marshall Islands	Marshall Islands
5	Pacific/Guam	Guam	Guam
6	Pacific/Johnston	United States	Johnston Island
7	Pacific/Midway	United States	Midway Island
8	Pacific/Honolulu	Hawaii	Honolulu
9	Pacific/Saipu	Marshall Islands	Marshall Islands
10	Pacific/Guam	Guam	Guam
11	Pacific/Johnston	United States	Johnston Island
12	Pacific/Midway	United States	Midway Island
13	Pacific/Honolulu	Hawaii	Honolulu
14	Pacific/Saipu	Marshall Islands	Marshall Islands
15	Pacific/Guam	Guam	Guam
16	Pacific/Johnston	United States	Johnston Island
17	Pacific/Midway	United States	Midway Island
18	Pacific/Honolulu	Hawaii	Honolulu
19	Pacific/Saipu	Marshall Islands	Marshall Islands
20	Pacific/Guam	Guam	Guam
21	Pacific/Johnston	United States	Johnston Island
22	Pacific/Midway	United States	Midway Island
23	Pacific/Honolulu	Hawaii	Honolulu
24	Pacific/Saipu	Marshall Islands	Marshall Islands
25	Pacific/Guam	Guam	Guam
26	Pacific/Johnston	United States	Johnston Island
27	Pacific/Midway	United States	Midway Island
28	Pacific/Honolulu	Hawaii	Honolulu
29	Pacific/Saipu	Marshall Islands	Marshall Islands
30	Pacific/Guam	Guam	Guam
31	Pacific/Johnston	United States	Johnston Island
32	Pacific/Midway	United States	Midway Island
33	Pacific/Honolulu	Hawaii	Honolulu
34	Pacific/Saipu	Marshall Islands	Marshall Islands
35	Pacific/Guam	Guam	Guam
36	Pacific/Johnston	United States	Johnston Island
37	Pacific/Midway	United States	Midway Island
38	Pacific/Honolulu	Hawaii	Honolulu
39	Pacific/Saipu	Marshall Islands	Marshall Islands
40	Pacific/Guam	Guam	Guam
41	Pacific/Johnston	United States	Johnston Island
42	Pacific/Midway	United States	Midway Island
43	Pacific/Honolulu	Hawaii	Honolulu
44	Pacific/Saipu	Marshall Islands	Marshall Islands
45	Pacific/Guam	Guam	Guam
46	Pacific/Johnston	United States	Johnston Island
47	Pacific/Midway	United States	Midway Island
48	Pacific/Honolulu	Hawaii	Honolulu
49	Pacific/Saipu	Marshall Islands	Marshall Islands
50	Pacific/Guam	Guam	Guam

5.Upload the custom Logo

- 1> Click the drop-down arrow to the right of your account,go to the “Account settings” page.
- 2>In the “Logo configuration of paper report” option at the bottom of the page, upload your logo and confirm.

After Upload :

Posture Analysis Report

VISBODY
Score 67

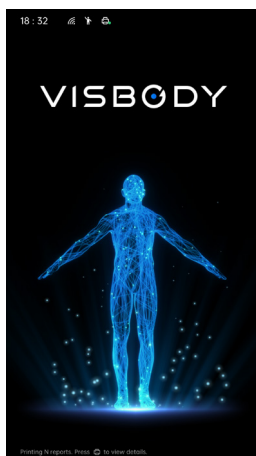
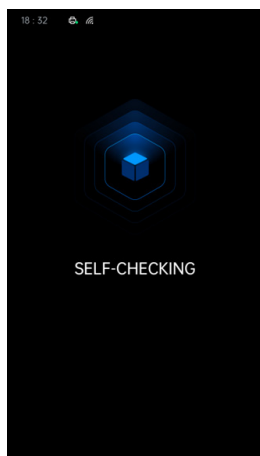
ID: su***er@gmail.com Gender: Female Height: 5 ft. 7 in. Age: 26 Test Date/Time: Mar 25, 2020, 16:34 Current Measurement Score

6.Display user information

- 1> Click the drop-down arrow to the right of your account, go to the "Account settings" page.
- 2> In the "Display User information?" option below, if "Yes" is selected, the printed paper report, dashboard report preview, and PDF will all display user information; If "No" is selected, the printed paper report, dashboard report preview, and PDF will all encrypt user information.

7.Turn on

Press the POWER button on the right of device to turn on the device. The start time is about 30s. When the startup shows up, the device will start the self-checking for auto calibration.

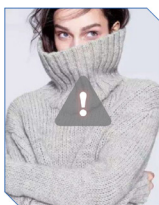
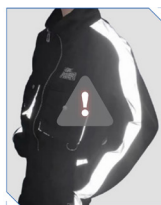


Part4 Instruction

1.Body Measurement Requirements

In order to guarantee the accuracy of measurement results, please abide by the following requirements:

- Please try your best to wear close-fitting clothes.



2.Instruction for use

>User Steps

Please perform the following operations according to the voice and screen prompts. You can select some or complete all the tests in sequence according to your actual needs:

Posture assessment

- 1>Step onto the turntable, keep still for 2 seconds and start assessing;
- 2>With hands down and body still, and the turntable starts rotating after 3 seconds count-down.

Body Circumference assessment

- 1>Step onto the turntable, keep still for 2 seconds and start assessing;
- 2>With body still and arms 30° open to measure, and then the turntable starts rotating after 3 seconds countdown.



Posture assessment



Body Circumference assessment

Dynamic Lab

Step on to the turntable and do the same actions after 3 seconds countdown.



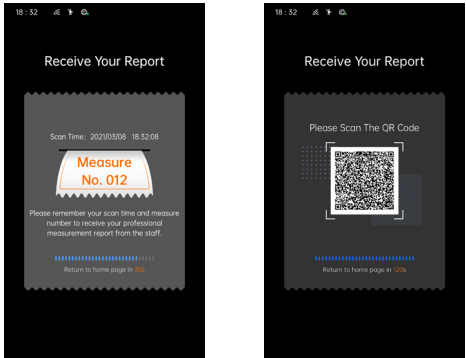
Dynamic Lab

3.View the report

The device provides two ways to view the report: Administrator Operation (default mode) and Mobile code scan viewing.

⚠ Note: If you want to use code scan binding method, you can set Obtaining Reports in the setting module and set it to "Code QR"

*Please refer to [Setting Function] for the tutorial of scanning code setting.



Admin Steps

Log in to the dashboard page: <http://M30.dashboard.visbody.com/>, by using your administrator account to view the report.

The user's measurement records will appear synchronously in the queue af-ter finishing the scanning. When the admin confirms the user through number or scanning time, click the test record to bind the user email.

Step1

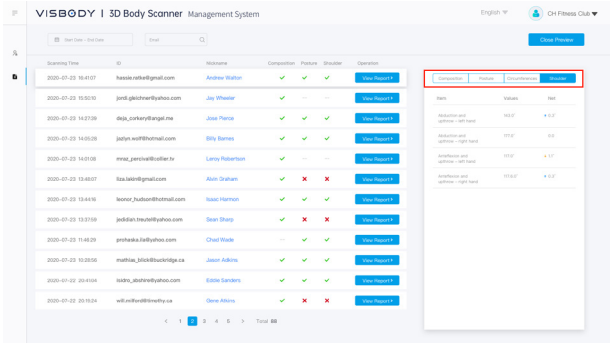
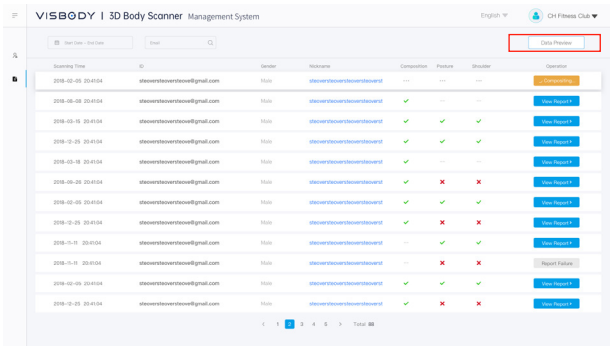
Enter user information to bind. If the user is an exist account, the system will automatically fill in the registration information after enter the email address, please check and then confirm it.

A screenshot of the "VISBODY | 3D Body Scanner Management System" dashboard. The interface is in English and shows a table of measurement records. The table has columns for "Scan time", "Measure code", "Body composition", "Posture assessment", "Shoulder function", and "Operation". The "Operation" column contains a red box around a button labeled "Click here to bind user". The table lists several records with their respective scan times and measure codes. At the bottom, there is a pagination bar showing "1 2 3 4 5" and "Total 48".

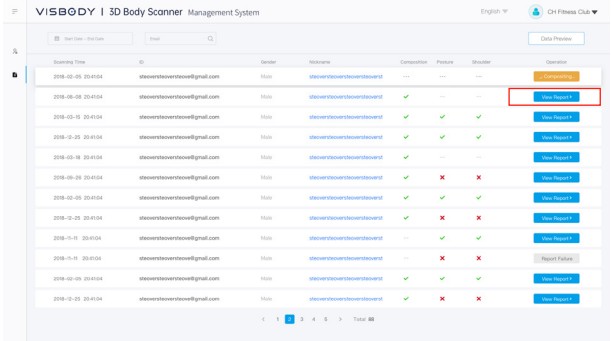
Scan time	Measure code	Body composition	Posture assessment	Shoulder function	Operation
2020-08-02 20:00:04	023	---	---	---	Click here to bind user
2020-08-02 20:20:42	022	Body composition	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 18:38:14	021	Body composition	---	---	Click here to bind user
2020-08-02 18:17:58	020	Body composition	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 18:08:48	019	---	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 18:08:16	018	---	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 18:03:04	017	Body composition	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 18:03:00	016	Body composition	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 18:48:16	015	Body composition	---	---	Click here to bind user
2020-08-02 14:38:02	014	---	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 14:16:14	013	Body composition	Posture assessment	Shoulder function	Click here to bind user
2020-08-02 09:47:08	012	Body composition	---	---	Click here to bind user

Step2

After binding, choose “Data Preview” in the report list and check the numerical values of posture 3D model, circumference, body composition and shoulder functions data in the preview box.



Or click “View Report” to check the report directly.



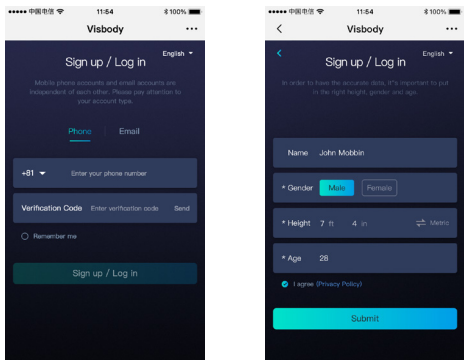
Scan the code on the mobile to view:

Open any code scanning tool (browser, WeChat, or the code scanning tool that comes with the mobile phone, etc.) to scan the code to view the physical test report.

For new users, you need to create a new account to complete the registration process to enter the mobile report page.

Step:

Select "Mobile" or "Email" to register, select the area code if choose mobile then enter the mobile number or email address. Click "Get Verification Code", enter the received verification code, click "Sign up/ Log in" at the bottom of the page to enter a new page. Fill in the name, gender, height, age information, check "I agree (Privacy Policy)" and click "Submit" to complete the registration.



For account that exist, you will enter the H5 login page after scanning the code, then fill in the mobile phone number + verification code to log in (mobile phone number and email available for login).

Tips:

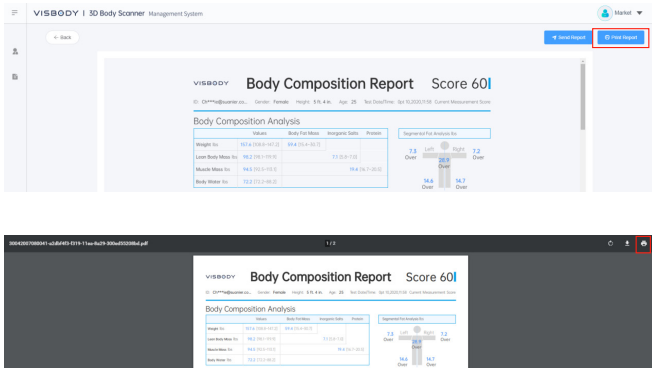
- 1. If you don't want to fill in the mobile phone number/email every time to log-in, you can check the "Remember me" below when you log in, and you will log in automatically the next time when you use the same browser;
- 2. We recommended our clients to bookmark this page to facilitate subsequent access to the report.

4.Print the report

Method 1:Print through dashboard

Log in dashboard to check the measurement report and click "Print Report" on the report page to print the report.

⚠ Notes: When you use a computer to log in Visbody admin system, please make sure that the computer is connected to the printer through USB or cloud terminal.



Method 2: Print through the device

Connect the printer to the USB interface at the back of the device.

⚠ Notes: Visbody only supports the designated printer models. If it does not work, please connect Visbody after-sale team to confirm.

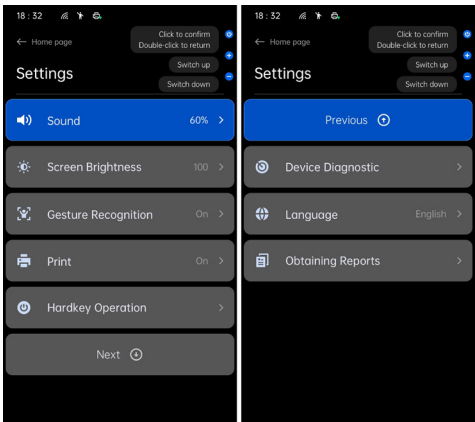
On the homepage of the device, press the print button to enter the report list, choose the corresponding report, press the confirm button "✓" to print

* See [Function Settings] for tutorial of automatic print set up.

Part5 Settings & Update Function

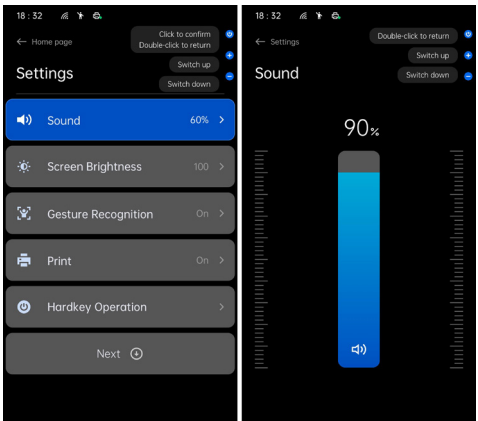
On the device homepage, long press the "-" button to enter the setting page.

After finishing the setting, press the power button twice continuously and quickly to return to homepage.



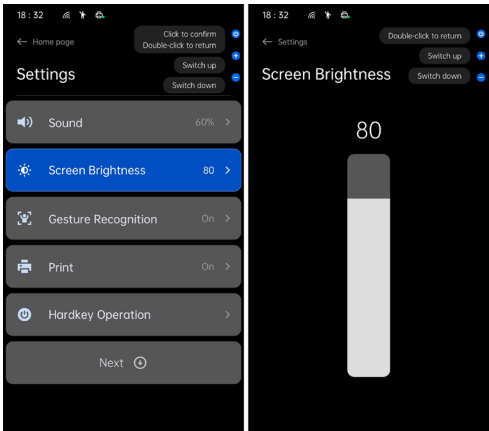
1.Sound Setting

Select "Sound", press the "+" button on the right side of the device to increase the volume, and "-" to decrease the volume.



2.Screen Brightness Setting

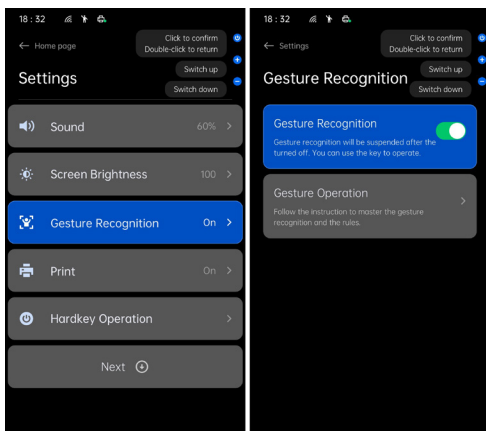
Select "Sound", press the "+" button on the right side of the device to turn the screen brightness up, and "-" to turn the screen brightness down.



3.Interaction Modes Setting

Visbody supports two interaction modes: Button mode and gesture mode. The buttons are on the right side of the device. The function of gesture recognition is turned on by default and the body test procedures can be finished through gesture and button.

If you need to cancel the gesture recognition mode, please operate as follows:



Select "Gesture recognition", press the power button once to turn off Gesture recognition; Press the power button again to turn on Gesture recognition.

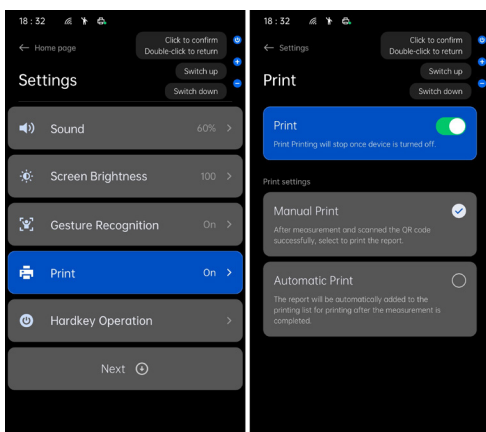
⚠ Notes: The poor surrounding light may cause gesture recognition failure. If temporarily unable to adjust the light, please turn off the "Gesture recognition" function.

4.Print Setting

The default mode is manual printing mode and you can choose manual printing mode or auto printing mode here.

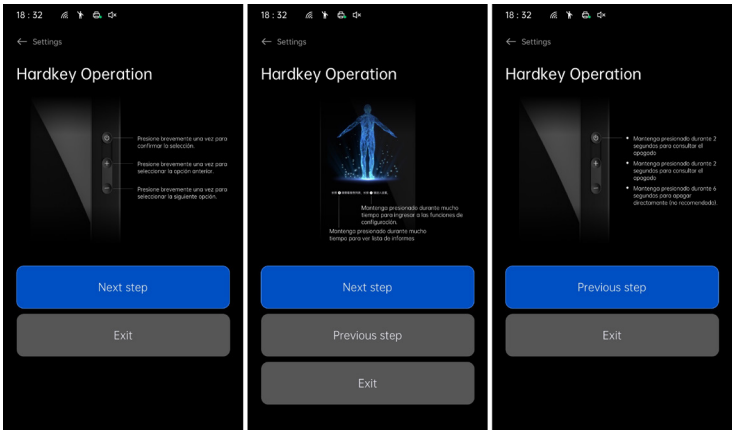
1>Choose "Print" in the setting page.

2>Choose "Automatic Print". After setting up and successfully connecting to the printer, Visbody will automatically print this test report every time you bind the user information on the dashboard.



5.Hardkey Operation

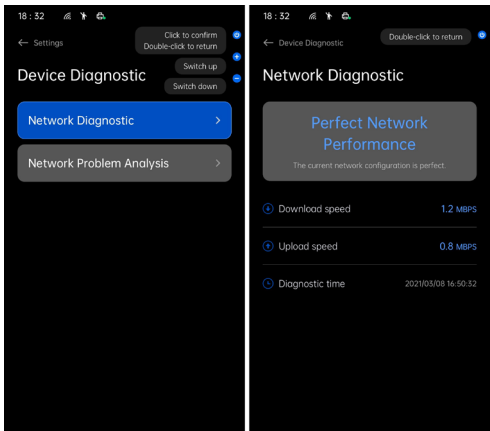
The buttons are located on the right side of the screen, with a total of 3 buttons: power button,+,-. Selecting “Hardkey Operation” will guide users to learn the different interaction methods of the three buttons on different pages.



6.Device Diagnostic

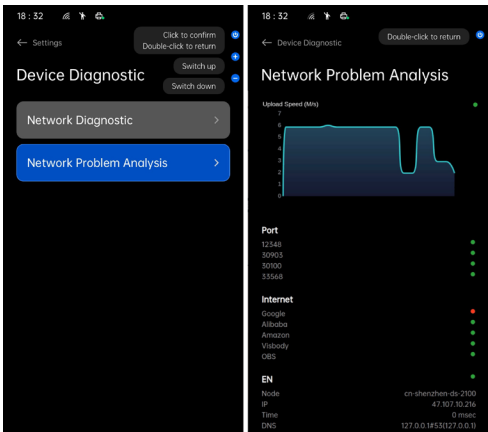
6.1 Network Diagnostic

To diagnose the network connection status of the device.



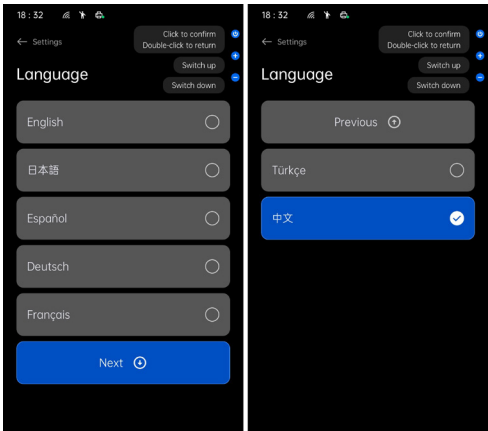
6.2 Network Problem Analysis

When there is a network abnormality in the device, under the guidance of the after-sales engineer or sales personnel of Visbody, the network problem analysis function is turned on, and the network problem analysis function automatically runs. After displaying the results, photos are taken and fed back to the after-sales engineer of Visbody.



7. Language Setting

Select the right language in the “Language” option

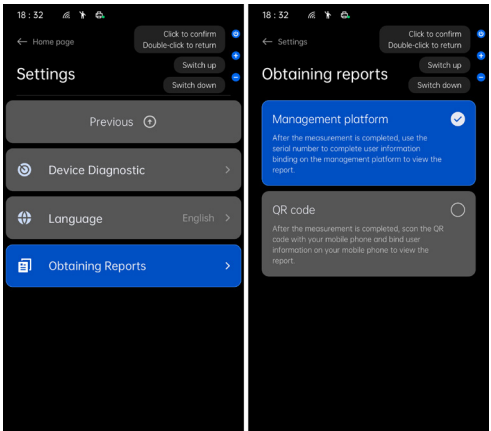


8. Obtain Reports

The factory default uses [measurement serial number] to obtain the report, you can choose to use the scanning method to obtain the report here.

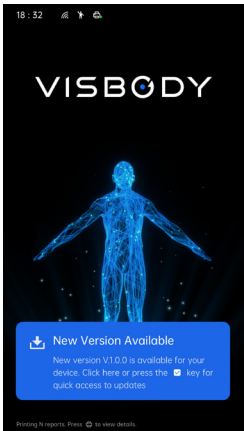
1>Select "Obtaining Reports" in the setting interface;

2>Select "Code QR" and complete the setting, the next measurement report is available to view by any code scanning tool (browser, or WeChat, or the code scanning tool that comes with the mobile Phone, etc.)



9. Update

Visbody maintains the latest version of the system through online updates. If an update prompt appears on your device, please follow the prompt. During the update period, please suspend the use of the device.



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