

# Body Composition Analyzer

## QM-520+

Accurate, Fast,  
High-end Body Composition Analyzer



# FUNCTION



Height



Weight



Fat-Free Mass



Body water



Skeletal muscle



Body fat mass



BMI



Body fat percentage



Waist to hip ratio



Visceral fat level



Basical metabolism



Segmental muscle mass



Segmental FFM



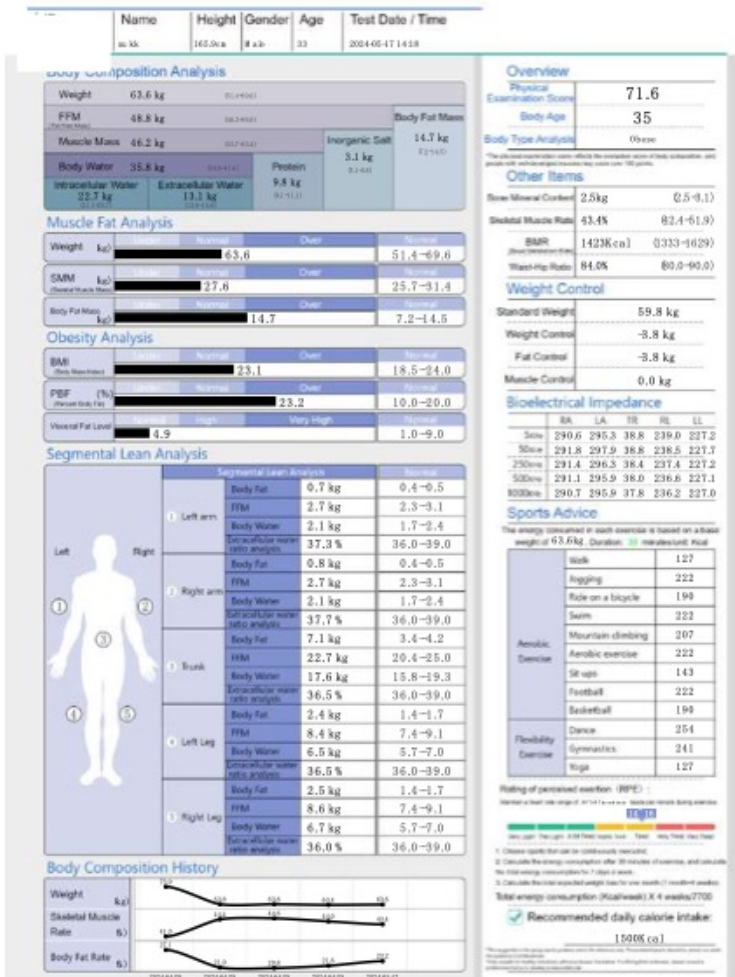
Muscle fat control



Physical age



Health score



FOCUS ON HEALTH

## SPECIFICATION

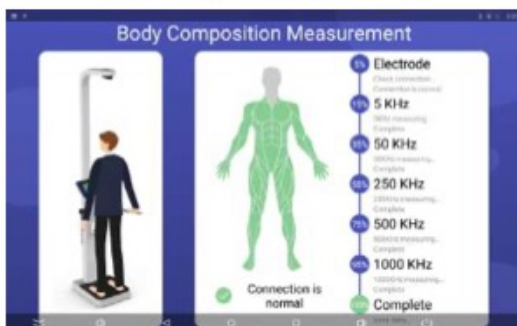
|                   |                                                                                                                                                                                                                                                                                                    |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Model             | QM-520+                                                                                                                                                                                                                                                                                            |
| Test Range        | Age range : 3-99 years old                                                                                                                                                                                                                                                                         |
|                   | Temperature: 15-45°C                                                                                                                                                                                                                                                                               |
|                   | Humidity 15-95%                                                                                                                                                                                                                                                                                    |
| Login Method      | IC card, mobile phone and other login methods                                                                                                                                                                                                                                                      |
|                   | Optional ID card, Face recognition, QR code login method, it can be used with consumer systems                                                                                                                                                                                                     |
| Display           | 10.1 inch                                                                                                                                                                                                                                                                                          |
| Height (Optional) | Test Range: Height:60~200cm<br>Accuracy $\pm 0.5\text{cm}$                                                                                                                                                                                                                                         |
| * Weight          | Measuring range: 5~500Kg<br>Accuracy: $\pm 0.1\text{Kg}$                                                                                                                                                                                                                                           |
| Fat measurement   | Body fat percentage, body fat mass, muscle mass, muscle percentage, body water percentage, body water content, protein, inorganic salt, intracellular fluid, extracellular fluid, BMI, basal metabolism, visceral fat level skeletal muscle, body segment muscle mass, body segment fat mass, etc. |
| Data transmission | RJ45, WIFI                                                                                                                                                                                                                                                                                         |
| Voltage           | AC 110-240V, 50/60HZ                                                                                                                                                                                                                                                                               |
| Rated power       | <60W                                                                                                                                                                                                                                                                                               |



## ACCURATE

### 8 electrodes, 5 frequency bands, 5 segments detection

- Measurement frequencies  $\geq 5$ , conduct BIA measurement, eliminate interference frequency bands and data, make it easier to obtain effective bioelectrical impedance and multiple sets of data, and improve the effectiveness and accuracy of detection results.
- The 5 detection frequencies are: 5 kHz/50 kHz/250 kHz/500 kHz/1000kHz



### Segment measurement analysis

- Segmental impedance measurement is used to measure the impedance of the left and right upper limbs, trunk, and left and right lower limbs respectively, and directly measure the physical composition of each segment, thereby obtaining more accurate data.



# EFFICIENT

## HD color display

- 10 inch touch capacitive screen;
- Multiple Login method : Face recognition /Telephone number/IC card /QR to help quickly creat new file .

## Networking function

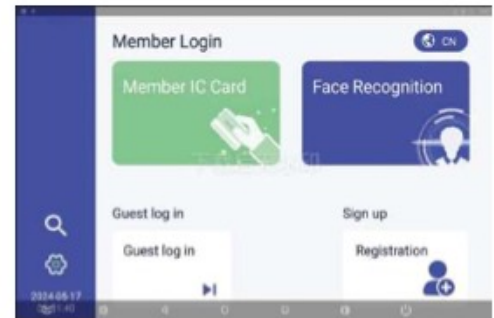
- Multiple networking method:Wired/WIF/Lan/ Mobile network
- Storage Capacity :500,000group of data.

## Customized Function

- Connect with different system
- Data transfer
- Software can upgarde online
- A4 report customized
- Logo customized

## Quickly create new files

- You can create a new file by swiping IC card; you can also create a new file through face recognition after turning on face recognition.



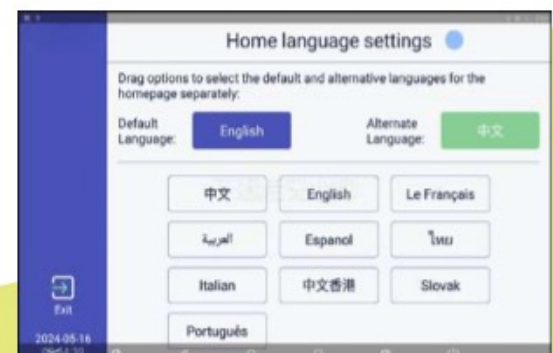
## Diversified report forms to meet the needs of more scenarios

- It has built-in adult version, children's version, and various report templates, and also supports customized report forms to meet the needs of more scenarios.



## Support multiple national languages and easy switch

- Switch language easily on line at same time in our touch screen ( support : Chinese, Traditional Chinese, English, Arabic, Spanish, and Portuguese)



# BODY COMPOSITION ANALYSIS

- The body composition analyzer uses bioelectrical impedance analysis (BIA) and uses the bioelectrical properties of human tissue to measure body composition parameters such as body water, muscle, protein, and inorganic salts. It evaluates and checks muscle balance status, obesity status, nutritional status, bone health status, etc., and outputs a variety of professional reports such as professional body composition analysis reports, child-specific reports, etc.

## APPLICATION SCENARIO

- |                                                          |                                                                                |                                                                           |                                                                                 |
|----------------------------------------------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------|---------------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Physical examination | <input checked="" type="checkbox"/> Basic medical care                         | <input checked="" type="checkbox"/> Pediatric care                        | <input checked="" type="checkbox"/> Gynecology                                  |
| <input checked="" type="checkbox"/> Geriatrics           | <input checked="" type="checkbox"/> Endocrinology                              | <input checked="" type="checkbox"/> Weight loss center                    | <input checked="" type="checkbox"/> Fatty Liver Center                          |
| <input checked="" type="checkbox"/> Recovery unit        | <input checked="" type="checkbox"/> Diabetes specialist hospital               | <input checked="" type="checkbox"/> Rehabilitation hospital               | <input checked="" type="checkbox"/> Research institutes                         |
| <input checked="" type="checkbox"/> Gym                  | <input checked="" type="checkbox"/> Sports system                              | <input checked="" type="checkbox"/> Orphanage                             | <input checked="" type="checkbox"/> Nursing home                                |
| <input checked="" type="checkbox"/> Psychiatric hospital | <input checked="" type="checkbox"/> Centers for Disease Control and Prevention | <input checked="" type="checkbox"/> Nutrition/Pharmaceutical/Food Company | <input checked="" type="checkbox"/> National Physical Fitness Monitoring Center |



### Start measuring

- 10 To start measuring height and weight, please stand on the weighing pan, stand straight and still

with height function



- 10 To start measuring height and weight, please stand on the weighing pan, stand upright, keep still, after measuring the weight, enter the height value in cm

without height function



- 11 To measure body composition, stand on the back electrode of the weighing pan with the heel, put the sole of the foot on the front electrode of the weighing pan, put the thumb of the hand on the front electrode of the handle, hold the rear electrode with your hand, and open your arms slightly. Do not loosen fat handles or move feet, during the measurement.



If the connection is abnormal, wait a few seconds and re-measure.



The measurement is completed, please check the measurement result



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