



BODY COMPOSITION ANALYZER

RESULTS AND APPLICATIONS :-



Commercial application

- Gym
- Weight loss
- Body building
- Rehabilitation
- Nutrition





Specifications

Item	Specifications	Description
Model Name	RK MEDITECH BCA1	Non-medical application
Measure Method	5-segment, 8-point tactile electrode measure time: about 10 seconds	Upper left and right limb, lower left and right limb, trunk
Measure Current	50kHz, 0.5mA	Frequency that tells accurate body composition, safe and close to human body natural current
Capacity	150 kg	Cannot measure weight if exceed 150kg
Personal Information	Age:6-85 years old Gender: female/male Height: 100-210cm Unit:0.5cm	Cannot save measurements if exceed data range
Analyzer database	8 user memory, 180 entries for each user.	Can save 8 users info, 180 entries for each one
History Inquiry	Automatically calculate the D-value between historical and current entries.	Up to 180 entries for each user
Test Result	Condition judgement: Too Low/Low/Standard/High/Too High	Read measurements and comparison analysis on the display
Operating Environment	Avoid wet and serious magnetic noise interference.	Extreme temperature, humidity and radiation may cause instrument failure. Please operate properly to prolong the service life and ensure accuracy.
Dimensions	L 37cm * W 34cm* H 4cm, net weight: 3.3kg	Wide main body makes it hard to rollover and safe. Light and portable.
Power Supply	One built-in 3.7V/800mAh rechargeable lithium battery.	Ask sales staff for power supply option.
Charge Voltage	DC 5V, ≤1A, Please use smart phone power adaptor to charge.	Please use proper power adaptor
Bluetooth Version	Bluetooth 4.0 (BLE)	Use smart phone or tablet which support BT4.0 BLE, Android 4.2+(IOS system will be available).
Standby Power Consumption	0.3mW, Duration: 1 week	Duration may be longer if fully charged.

Warning: Please do not use the computer USB port to charge the battery, in order to avoid the risk of ESD(electrostatic damage)!

FEATURES:-

ITO-coated body fat analyzer

smart phone, smart scale, smart lifestyle!

ITO-coated body fat analyzer

- Bluetooth® connectivity
- CE-certified
- Free app, allows users to check data at any time
- Data sent to smartphone automatically
- Charts for users to monitor their health



Bluetooth body analyzer

Always online tracking health index



- Body fat scale with Bluetooth communication
- Faster transmission with app
- ITO technology glass platform
- Structure with 3 colour plate design idea, elegant and beautiful
- 8mm Safty tempered glass surface, easy to clean
- Extra large platform provides very high level of stability
- Can measure weight, BMI, body fat, water, skeletal muscle, bone mass, protein, basal metabolism, body age
- Capacity: 150kg/0.1kg
- Dimension: 312x312x22mm
- LED size: 48x31mm
- Power: 4 x 1.5v AAA batteries

A4 Size Printout :-

Human Body Composition Monitoring Report of Analysis and Suggestion

Name	Sex	Age	Height	Time of Measurement
Michael Lee	Male	24	175cm	2016-04-12 15:21

Total Score **77.9**
Bio-Age **25**

Indicators of Body Composition

Indicators	Results	Ideal Range	Degree Of Judgment				
			Lower	Low	Normal	High	Higher
Weight(kg)	70	56.7 ~ 73.2	[Progressive bar chart]				
BMI(kg/ m ²)	22.8	18.5 ~ 23.9	[Progressive bar chart]				
TBF%	22.1	12 ~ 23	[Progressive bar chart]				
VFI	8.5	2.1 ~ 9	[Progressive bar chart]				
TBW%	53.9	50 ~ 70	[Progressive bar chart]				
SM%	31.2	35 ~ 49	[Progressive bar chart]				
BMC(kg)	3	2.6 ~ 3.3	[Progressive bar chart]				
BMR (KCal/d)	1547	1395 ~ 1782	[Progressive bar chart]				

Weight Control Advice

Reduce Fat Enhance Muscle Maintain the status

■ **Maintain** Weight 56.7 ~ 73.2 kg
■ **Increase** Muscle 2.7 ~ 12.5 kg
■ **Maintain** Fat 8.4 ~ 16.1 kg
■ **Maintain** Water 35 ~ 49 kg
■ **Maintain** Minerals 2.6 ~ 3.3 kg

Recommended daily calorie intake

1737 KCal/day

Analysis Of Lean Body And Fat Mass

Focus	Results	Ideal Range
Fat Mass FM	15.47	6.8 ~ 16.83
Fat Mass Index FMI	5.05	2.22 ~ 5.5
Fat-free Mass FFM	54.53	49.86 ~ 56.36
Fat-free Mass Index FFMI	17.81	16.28 ~ 18.4
Ratio of Fat and SM	0.71	0.34 ~ 0.47



Analysis Of Limb Balance

Upper Balance L/R **1.055**

Symmetrical Enhance Left Enhance Right

Total Balance L/R **0.983**

Symmetrical Enhance Left Enhance Right

Lower Balance L/R **1.038**

Symmetrical Enhance Left Enhance Right

Health Evaluation Of Body Composition

Result shows good figure, standard body weight and fat. If doing exercise to enhance muscle will further enhance body immune system and be good for health. Exercise such as swimming, dumb bell lifting and playing badminton are effective ways to enhance muscle.

Health Risks Warning

Congratulations! Not any warning. Please have regular body composition measuring.