

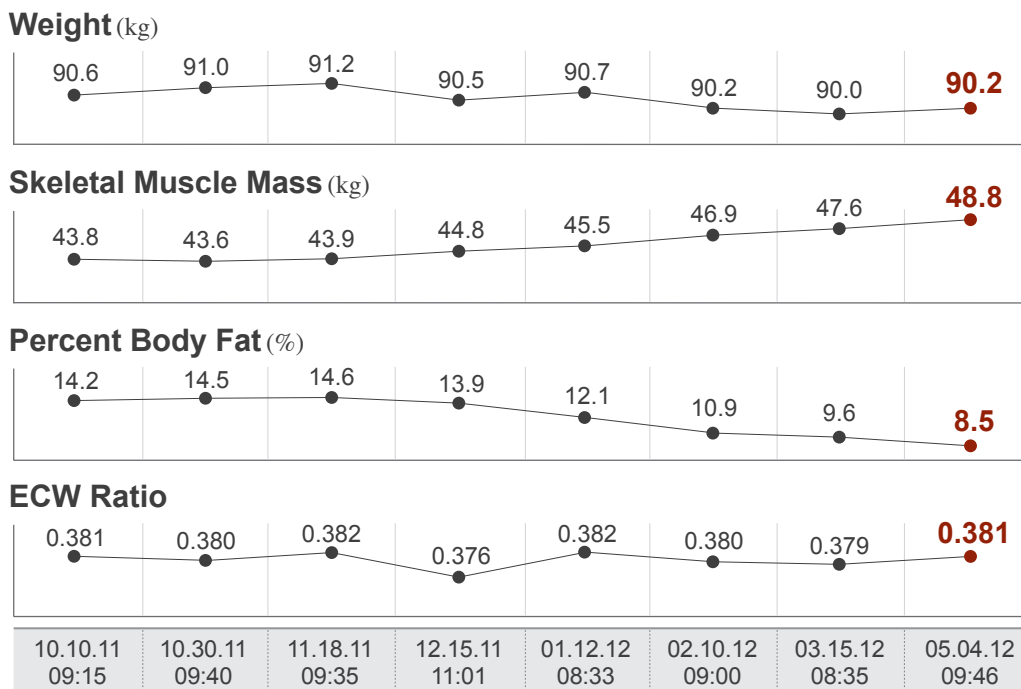
# InBody570

The Fastest, Upgraded Solution  
for Monitoring Your Health



# See What You're Made of

*Monitoring weight is not enough to see progressive changes in health and body*



\* Height: 174cm, Age: 27, Gender: Male

Weight alone does not correctly reflect the effects of exercise and improved diet. The graph above shows a man whose weight, throughout a month of exercise, had minimal change; however, his muscle mass and fat mass dramatically increased and decreased respectively.

Changes in muscle and fat mass are vital to understanding the body's true composition. Upon this, the InBody Test utilizes its patented technologies to reveal segmental body fat and muscle distribution percentages as well as the body water balance.

The InBody Test shows a true assessment of the body.

## InBody, the Body Composition Analyzer

*Have an effective exercise plan and track the progress of the body's change with the Inbody Test*

- More than 40 result outputs are given through an easy and fast InBody Test.
- The InBody results are used as the first screening tool for indicators of potential diseases and poor health.
- Segmental Muscle Analysis allows for a more focused exercise plan.
- Body Water Analysis can be an indicator of a poor physical status.



# Accuracy and Reliability of the InBody are Proven by the World's Top Journals and Scholars

*More than 500 articles have been published by renowned journals*

Clinical reliability was proved by the world's medical professionals in numerous articles.

The InBody has 98% of correlation with the gold standard device DXA and the InBody's own technologies hold patents in numerous countries throughout the world.

## The InBody Technology

Arms, trunk, and legs are measured separately

High precision by using a set of high and low frequencies simultaneously

Highly reproducible data due to fixed measuring locations on the wrist and ankle



## No need of empirical estimation

Age or gender does not affect the result

**The InBody's body composition data deliver research-level results and thus have been utilized by thousands of studies to accurately track changes in body composition.**

## Validation Studies

Kriemler, S., Puder, J., Zahner, L., Roth, R., Braun-Fahrlander, C., & Bedogni, G. (2008). Cross-validation of bioelectrical impedance analysis for the assessment of body composition in a representative sample of 6-to 13-year-old children. *European journal of clinical nutrition*, 63(5), 619-626.

Ling, C. H., de Craen, A. J., Slagboom, P. E., Gunn, D. A., Stokkel, M. P., Westendorp, R. G., & Maier, A. B. (2011). Accuracy of direct segmental multi-frequency bioimpedance analysis in the assessment of total body and segmental body composition in middle-aged adult population. *Clinical Nutrition*, 30(5), 610-615.

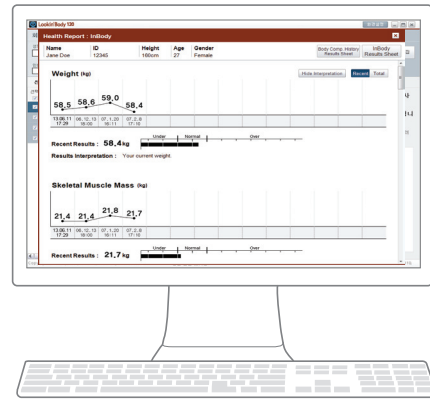
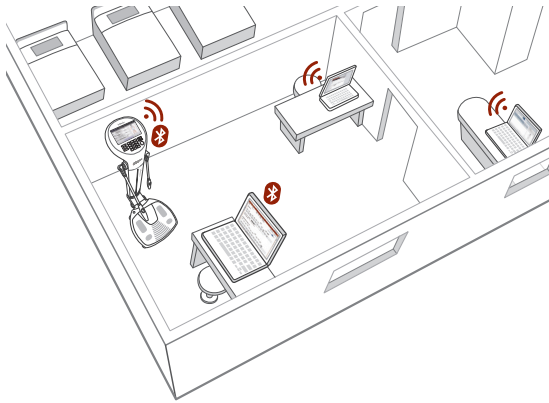
Lim, J. S., Hwang, J. S., Lee, J. A., Kim, D. H., Park, K. D., Jeong, J. S., & Cheon, G. J. (2009). Cross-calibration of multi-frequency bioelectrical impedance analysis with eight-point tactile electrodes and dual-energy X-ray absorptiometry for assessment of body composition in healthy children aged 6-18 years. *Pediatrics International*, 51(2), 263-268.

Utter, A. C., & Lambeth, P. G. (2010). Evaluation of multifrequency bioelectrical impedance analysis in assessing body composition of wrestlers. *Med Sci Sports Exerc*, 42(2), 361-7.



# Lookin'Body Data Management Software The Best Way to Manage from Your PC

*Wireless connection between the InBody570 and PC allows for better data management*



## Wireless Connection with the InBody570

Connect your PC with the InBody570 via Wi-Fi or Bluetooth. User data will be listed up in your PC and by using it, you can remotely control the InBody570, save details of the user, and manage appointments with email service.

## Strategic Consultation

The Body Composition History graph of each category helps you see your body composition change at a glance. Additionally, the comment functionality of each consultation allows for a more personalized healthcare.

\* Lookin'Body is an optional software.





ID	Height	Age	Gender	Test Date / Time
Jane Doe	156.9cm	51	Female	2012.05.04. 09 : 46

## 1 Body Composition Analysis

	Values	Total Body Water	Soft Lean Mass	Fat Free Mass	Weight
Total Body Water (L)	27.5 (26.3 ~ 32.1)	27.5	35.1 (33.3 ~ 40.7)	37.3 (35.8 ~ 43.7)	59.1 (43.9 ~ 59.5)
Protein (kg)	7.2 ( 7.0 ~ 8.6 )	non-osseous			
Minerals (kg)	2.63 (2.44 ~ 2.98)				
Body Fat Mass (kg)	21.8 (10.3 ~ 16.5)				

## 2 Muscle-Fat Analysis

	Under	Normal	Over
Weight (kg)	55 70 85 100 115 130 145 160 175 190 205 %	59.1	
SMM (kg) Skeletal Muscle Mass	70 80 90 100 110 120 130 140 150 160 170 %	19.6	
Body Fat Mass (kg)	40 60 80 100 160 220 280 340 400 460 520 %	21.8	

## 3 Obesity Analysis

	Under	Normal	Over
BMI (kg/m <sup>2</sup> ) Body Mass Index	10.0 15.0 18.5 21.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0	24.0	
PBF (%) Percent Body Fat	8.0 13.0 18.0 23.0 28.0 33.0 38.0 43.0 48.0 53.0 58.0	36.9	

## 4 Segmental Lean Analysis

	Under	Normal	Over
Right Arm (kg) (%)	40 60 80 100 120 140 160 180 200 220 240 %	2.02 102.2	
Left Arm (kg) (%)	40 60 80 100 120 140 160 180 200 220 240 %	1.94 98.1	
Trunk (kg) (%)	70 80 90 100 110 120 130 140 150 160 170 %	17.7 95.4	
Right Leg (kg) (%)	70 80 90 100 110 120 130 140 150 160 170 %	5.20 83.6	
Left Leg (kg) (%)	70 80 90 100 110 120 130 140 150 160 170 %	5.02 80.6	

## 5 Body Water Analysis

	Under	Normal	Over
ECW Ratio	0.320 0.340 0.360 0.380 0.390 0.400 0.410 0.420 0.430 0.440 0.450	0.397	

## 6 Body Composition History

Weight (kg)	65.3	63.9	62.4	61.8	62.3	60.9	60.5	59.1
SMM (kg) Skeletal Muscle Mass	20.1	20.0	19.7	19.7	19.8	19.7	19.8	19.6
PBF (%) Percent Body Fat	41.3	40.7	39.2	39.0	39.4	38.6	37.8	36.9
ECW Ratio	0.399	0.398	0.396	0.396	0.397	0.396	0.398	0.397
Recent Total	11.10.10 09:15	11.10.30 09:40	11.11.02 09:35	11.12.15 11:01	12.01.12 08:33	12.02.10 15:50	12.03.15 08:35	12.05.04 09:46

## 7 InBody Score

68 / 100 Points

\* Total score that reflects the evaluation of body composition. A muscular person may score over 100 points.

## 8 Weight Control

Target Weight	51.7 kg
Weight Control	- 7.4 kg
Fat Control	- 9.9 kg
Muscle Control	+ 2.5 kg

## 9 Obesity Evaluation

BMI	<input type="checkbox"/> Under	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Over
			<input type="checkbox"/> Extremely Over
PBF	<input type="checkbox"/> Normal	<input type="checkbox"/> Over	<input checked="" type="checkbox"/> Extremely Over

## 10 Body Balance Evaluation

Upper	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Lower	<input type="checkbox"/> Balanced	<input checked="" type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Upper-Lower	<input type="checkbox"/> Balanced	<input checked="" type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced

## 11 Segmental Fat Analysis

Right Arm	( 1.5kg)	178.0%
Left Arm	( 1.6kg)	183.0%
Trunk	(11.7kg)	240.0%
Right Leg	( 2.9kg)	132.0%
Left Leg	( 2.9kg)	132.0%

## 12 Additional Data

Intracellular Water	16.6 L	(16.3 ~ 19.9)
Extracellular Water	10.9 L	(10.0 ~ 12.2)
Basal Metabolic Rate	1176 kcal	
Waist-Hip Ratio	0.92	(0.75 ~ 0.85)
Visceral Fat Level	12	( 1 ~ 9 )
Obesity Degree	114 %	( 90 ~ 110 )
Bone Mineral Content	2.18 kg	(2.01 ~ 2.45)
Body Cell Mass	23.8 kg	(23.4 ~ 28.6)
Arm Circumference	30.2 cm	
Arm Muscle Circumference	25.7 cm	

## Results Interpretation QR Code

Scan the QR Code to see results interpretation in more detail.



## 13 Impedance

Z(Ω)	5kHz	RA	LA	TR	RL	LL
		373.1	385.4	25.7	303.0	314.1
	50kHz	337.2	352.5	23.0	282.3	289.8
	500kHz	297.4	311.5	19.1	258.1	267.8

# The InBody Results Sheet

Body composition assessment and nutritional information at a glance

## 1 Body Composition Analysis

The body weight is the sum of Total Body Water, Protein, Minerals and Body Fat Mass. Maintain a balanced body composition to stay healthy.

## 2 Muscle-Fat Analysis

Compare the bar lengths of Skeletal Muscle Mass and Body Fat Mass. The longer the Skeletal Muscle Mass bar is compared to the Body Fat Mass bar, the stronger the body is.

## 3 Obesity Analysis

BMI is an index used to determine obesity by using height and weight. PBF is the percentage of body fat compared to body weight.

## 4 Segmental Lean Analysis

Evaluates whether the muscles are adequately developed in the body. The top bar shows the comparison of the muscle mass to the ideal weight while the bottom bar shows that of the current weight.

## 5 Body Water Analysis

ECW Ratio, the ratio of Extracellular Water to Total Body Water, is an important indicator whether the body water is balanced.

## 6 Body Composition History

Track the history of the body compositional change. Take the InBody Test periodically and monitor the progress.

## 7 InBody Score

This score shows the evaluation of the body composition, which includes muscle, fat, and water in the body.

## 8 Weight Control

See how the body measures up to the recommended Weight, Muscle Mass, and Body Fat Mass for a good balance. The ‘+’ means to gain and the ‘-’ means to lose.

## 9 Obesity Evaluation

Evaluates obesity based on your BMI and Percent Body Fat.

## 10 Body Balance Evaluation

Evaluates the balance of the body based on the Segmental Lean Analysis.

## 11 Segmental Fat Analysis

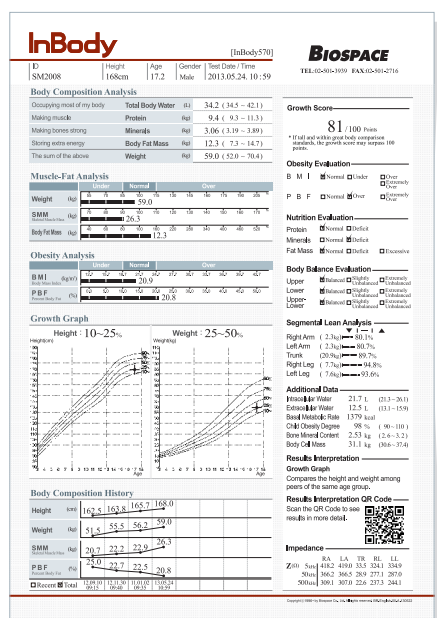
Evaluates whether the amount of fat is adequately distributed in all parts of the body. Each bar shows fat mass in comparison to the ideal.

## 12 Additional Data

Various nutritional outputs are provided such as Intracellular Water, Extracellular Water, Basal Metabolic Rate, Waist-Hip Ratio, Visceral Fat Level, Obesity Degree, and so on.

## 13 Impedance

Impedance is the resistance value measured when electrical currents are applied throughout the body. Based on the measured data, key body composition outputs can be analyzed. Impedance is also used for many research purposes.



## The InBody Results Sheet for a Child

Specially designed results sheet with Growth Graph is available for a Child

# InBody570 Specifications

## Key Specifications

Bioelectrical Impedance Analysis (BIA) Measurement Items	Bioelectrical Impedance (Z)	15 Impedance Measurements by Using 3 Different Frequencies (5kHz, 50kHz, 500kHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg, and Left Leg)
Electrode Method	Tetrapolar 8-Point Tactile Electrodes	
Measurement Method	Direct Segmental Measurement Bioelectrical Impedance Analysis Method (DSM-BIA)	
Body Composition Calculation Method	No Empirical Estimation	
Outputs (InBody Results Sheet)	<ul style="list-style-type: none"> <li>· Results and Interpretations</li> <li>Body Composition Analysis (Total Body Water, Protein, Soft Lean Mass, Minerals, Body Fat Mass, Weight), Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass), Obesity Analysis (Body Mass Index, Percent Body Fat), Segmental Lean Analysis (Based on ideal weight/Based on current weight; Right Arm, Left Arm, Trunk, Right Leg, Left Leg), Body Water Analysis (ECW Ratio), Body Composition History (Weight, Skeletal Muscle Mass, Percent Body Fat, ECW Ratio), InBody Score, Body Type (Based on BMI and Percent Body Fat, Athletic Shape, Slightly Obese, Obesity, Muscular Shape, Average, Slightly Obese, Slim Muscular, Slim Sarcopenic Obesity, Thin, Slightly thin), Weight Control (Target Weight, Weight Control, Fat Control, Muscle Control), Obesity Evaluation (BMI, Percent Body Fat), Nutrition Evaluation (Protein, Minerals, Fat Mass), Body Balance (Upper, Lower, Upper-Lower), Segmental Fat Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg), Segmental Extradors (Neck, Chest, Abdomen, Right Arm, Left Arm, Hip, Right Thigh, Left Thigh), Additional Data (Intracellular Water, Extracellular Water, Skeletal Muscle Mass, Basal Metabolic Rate, Waist-Hip Ratio, Waist Circumference, Visceral Fat Level, Obesity Degree, Bone Mineral Content, Body Cell Mass, Arm Circumference, Arm Muscle Circumference), Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product)</li> <li>· Results Interpretation QR Code</li> <li>· Impedance</li> </ul>	
Outputs (InBody Results Sheet for a Child)	<ul style="list-style-type: none"> <li>· Results and Interpretations</li> <li>Body Composition Analysis (Total Body Water, Protein, Soft Lean Mass, Minerals, Body Fat Mass, Weight), Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass), Obesity Analysis (Body Mass Index, Percent Body Fat), Growth Graph (Height, Weight), Body Composition History (Height, Weight, Skeletal Muscle Mass, Percent Body Fat), Growth Score, Obesity Evaluation (BMI, Percent Body Fat), Nutrition Evaluation (Protein, Minerals, Fat Mass), Body Balance (Upper, Lower, Upper-Lower), Segmental Lean Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg), Additional Data (Intracellular Water, Extracellular Water, Basal Metabolic Rate, Bone Mineral Content, Body Cell Mass), Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product)</li> <li>· Results Interpretation QR Code</li> <li>· Impedance</li> </ul>	

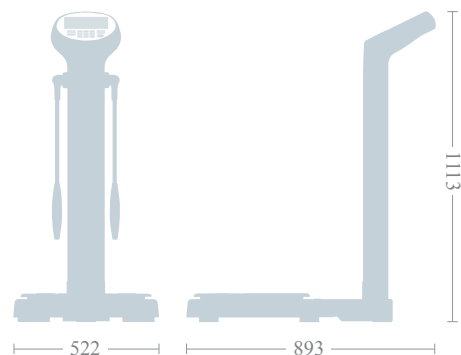
## Feature Specifications

Optional Equipment	Stadiometer from BIOSPACE and blood pressure monitors from BIOSPACE
Custom Logo	Name, Address, and Contact Information can be shown on the InBody Results Sheet
Digital Results	LCD Monitor, Data management software Lookin'Body
Types of Result Sheets	InBody Test Results Sheet, InBody Test Results Sheet for a Child
Voice Guidance	Provides audible indication for test in progress, test complete, and successfully saved settings changes
Database	Test Results can be saved when inputting ID into the InBody. Test Results can be saved up to 100,000
Test Mode	Self Mode, Professional Mode
Administrator Menu	Settings: Configure settings and manage data Troubleshooting: Additional information to help use the InBody570
USB Thumb Drive	Copy, backup, or restore the InBody570 data (data can be viewed on Excel or Lookin'Body data management software)
Backup Data	Backup data saved in the InBody by using a USB Thumb Drive, Restore results on the InBody from a backup file

## Other Specifications

Applied Rating Current Adapter	400μA (± 40μA)								
	<table border="0"> <tr> <td>Manufacture</td> <td>BridgePower Corp.</td> </tr> <tr> <td>Model</td> <td>JMW140KA1240F02</td> </tr> <tr> <td>Power Input</td> <td>AC 100 ~ 240V, 50/60Hz, 1.2A</td> </tr> <tr> <td>Power Output</td> <td>DC 12V, 3.4A</td> </tr> </table>	Manufacture	BridgePower Corp.	Model	JMW140KA1240F02	Power Input	AC 100 ~ 240V, 50/60Hz, 1.2A	Power Output	DC 12V, 3.4A
Manufacture	BridgePower Corp.								
Model	JMW140KA1240F02								
Power Input	AC 100 ~ 240V, 50/60Hz, 1.2A								
Power Output	DC 12V, 3.4A								
Display Type	800 × 480 7inch Color TFT LCD								
Internal Interface	Touchscreen, Keypad								
External Interface	RS-232C 4EA, USB HOST 2EA, USB SLAVE 1EA, LAN (10T) 1EA, Bluetooth 1EA, Wi-Fi 1EA								
Compatible Printer	Laser/Inkjet Printers (Printers recommended by BIOSPACE) * A list of printers compatible with the InBody 570 can be found at <a href="http://www.inbodyservice.com">http://www.inbodyservice.com</a>								
Dimension	522 (W) × 893 (L) × 1113 (H): mm 20.55 (W) × 35.16 (L) × 43.82 (H): inch								
Equipment Weight	24kg (52.9lbs)								
Testing Time	About 50 seconds								
Operation Environment	10 ~ 40°C (50 ~ 104°F), 30 ~ 75% RH, 70 ~ 106kPa								
Storage Environment	-20 ~ 70°C (-4 ~ 158°F), 10 ~ 95% RH, 50 ~ 106kPa (No Condensation)								
Testing Weight Range	10 ~ 250kg (22.0 ~ 551.1lbs)								
Testing Age Range	3 ~ 99 years								
Height Range	95 ~ 220cm (3ft. 1.40in. ~ 7ft. 2.61in.)								

\* Specifications may change without prior notice.



BIOSPACE is a body composition analysis device manufacturer that has acquired over 80 patent rights across the globe.



CE 0120  
CE 0120



U.S. patent U.S. 5720296



Canada patent C.N. 2225184



Japan patent



ISO13485



ISO9001



Korea Food & Drug Administration

## BIOSPACE

**Biospace Co., Ltd. [HEAD OFFICE]**  
TEL: +82-2-501-3939  
FAX: +82-2-578-2716  
Website: <http://www.e-inbody.com>  
E-mail: [info@inbody.com](mailto:info@inbody.com)

**Biospace, Inc. [USA]**  
TEL: +1-323-932-6503  
FAX: +1-323-952-5009  
Website: <http://www.biospaceamerica.com>  
E-mail: [USA@biospaceamerica.com](mailto:USA@biospaceamerica.com)

**Biospace Japan Inc. [JAPAN]**  
TEL: +81-03-5298-7667  
FAX: +81-03-5298-7668  
Website: <http://www.inbody.co.jp>  
E-mail: [inbody@inbody.co.jp](mailto:inbody@inbody.co.jp)

**Biospace China. [CHINA]**  
TEL: +86-21-64439738, 9739, 9705  
FAX: +86-21-64439706  
Website: <http://www.biospacechina.com>  
E-mail: [info@biospacechina.com](mailto:info@biospacechina.com)