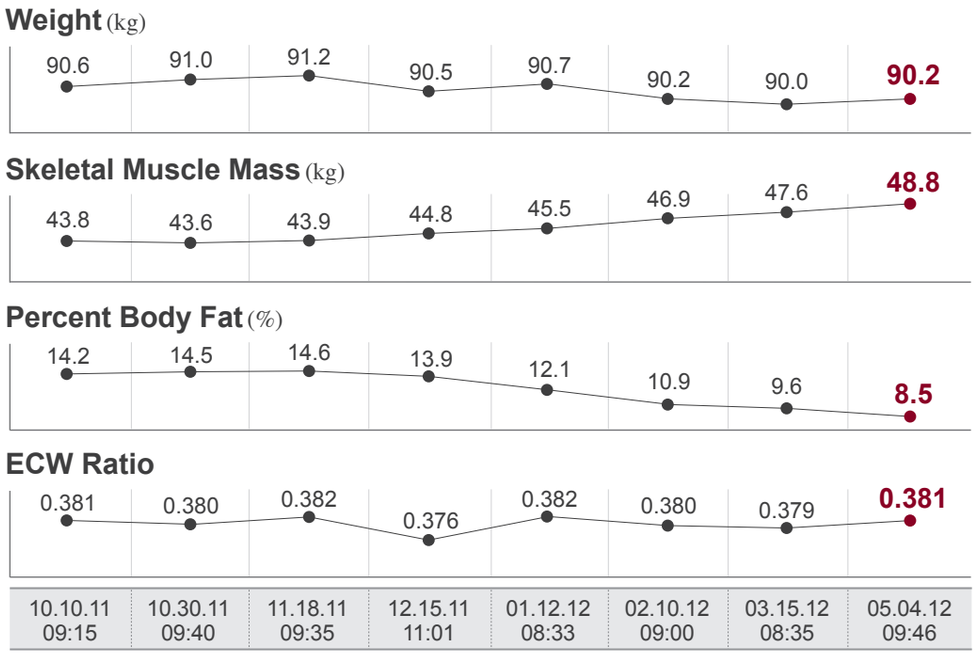
www.inbody.com

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.
- ECW Ratio 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-Fahrländer, 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.

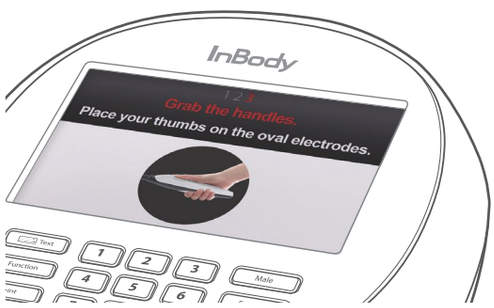
Ling, C. H., de Craen, A. J., Slagboom, P. E., Gunn, D. A., Stokkel, M. P., Westendorp, R. G., & Maier, A. B. **(2011). Accuracy of direct segmental multi-frequency bioimpedance analysis in the assessment of total body and segmental body composition in middle-aged adult population.** *Clinical Nutrition,*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

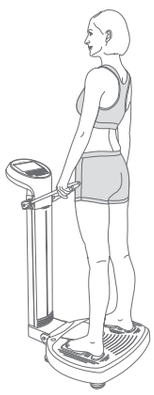
Lim, J. S., Hwang, J. S., Lee, J. A., Kim, D. H., Park, K. D., Jeong, J. S., & Cheon, G. J. **(2009). Cross-calibration of multi-frequency bioelectrical impedance analysis with eight-point tactile electrodes and dual-energy X-ray absorptiometry for assessment of body composition in healthy children aged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

The InBody570,
Your One and Only Smart Healthcare Solution

Just step on and let the InBody570 do the rest





Self Mode

Professional Mode

Fast and easy test

User friendly interface with voice guidance lets you easily take the InBody Test and collect results.

* Touch screen and key pad both available

Two different test modes: Self Mode and Professional Mode

Two different modes satisfy both the user and the consultant. The examinee can easily take the test with the Self Mode, by only entering their own height. When the Professional Mode is on, a more detailed consultation information is provided on the screen.

Smarter use of the InBody570 with additional features

BPBIO320

Upload-pressurized automatic blood pressure monitor gives more accurate results and it is less painful.

BSM370

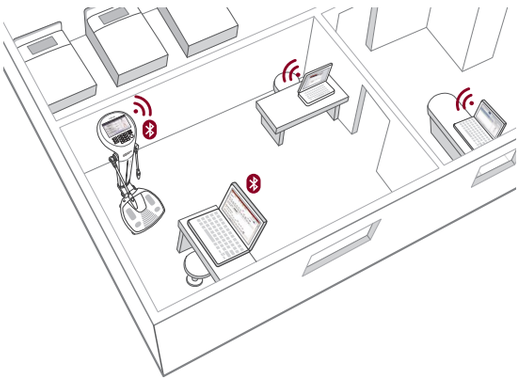
Precise height and weight measurement is given along with touch bar and detailed measurement sensor.

Barcode Scanner

Simply input your client's data by scanning the barcode with the scanner.

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.

InBody

[InBody570]

ID	Height	Age	Gender	Test Date / Time
Jane Doe	156.9cm	51	Female	2014.05.04. 09 : 46

InBody
TEL: +82-2-501-3939 FAX: +82-2-578-2716

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			
Protein (kg)	7.2 (7.0 ~ 8.6)	non-osseous	35.1 (33.3 ~ 40.7)	37.3 (35.8 ~ 43.7)	59.1 (43.9 ~ 59.5)
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/m²) 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

Based on ideal weight ▬ Based on current weight ▬

	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 ECW Ratio 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

	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
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

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	☐ Under	☑ Under	☐ Slighty Over	☐ Over
PBF	☐ Normal	☐ Slighty Over	☑ Over	

10 Body Balance Evaluation

Upper	☑ Balanced	☐ Slightly Unbalanced	☐ Extremely Unbalanced
Lower	☐ Balanced	☑ Slightly Unbalanced	☐ Extremely Unbalanced
Upper-Lower	☐ Balanced	☑ Slightly Unbalanced	☐ 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 Research Parameters

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)	RA	LA	TR	RL	LL
5kHz	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

❶ Body Composition Analysis

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

❷ 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.

❸ 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.

❹ Segmental Lean Analysis

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

❺ ECW Ratio Analysis

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

❻ Body Composition History

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

❼ InBody Score

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

❽ Weight Control

See how your 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.

❾ Obesity Evaluation

Evaluates obesity based on BMI and Percent Body Fat.

❿ Body Balance Evaluation

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

⓫ Segmental Fat Analysis

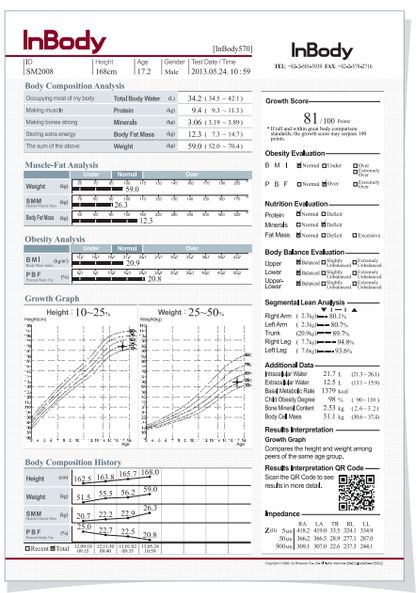
Evaluates whether the amount of fat is adequately distributed throughout the body. Each bar shows fat mass in comparison to the ideal.

⓬ Research Parameters

Various nutritional outputs are provided such as Intracellular Water, Extracellular Water, Basal Metabolic Rate, Waist-Hip Ratio, Visceral Fat Level, Obesity Degree, and more. To see a complete list, please scan the results interpretation QR code.

⓭ 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 Children

Specially designed results sheet with Growth Graph is available for Children

InBody570 Specifications

Key Specifications

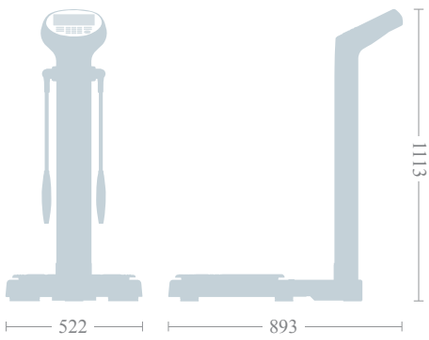
Bioelectrical Impedance Analysis (BIA) Measurement Items	Bioelectrical Impedance (Z)	15 Impedance Measurements by Using 3 Different Frequencies (5kHz, 50kHz, 500kHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg, and Left Leg)
Electrode Method	Tetrapolar 8-Point Tactile Electrodes	
Measurement Method	Direct Segmental Multi-frequency Bioelectrical Impedance Analysis Method (DSM-BIA)	
Body Composition Calculation Method	No Empirical Estimation	
Outputs (InBody Results Sheet)	· Results and Interpretations Body Composition Analysis (Total Body Water, Protein, Soft Lean Mass, Minerals, Fat Free Mass, 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), ECW Ratio Analysis (ECW Ratio), Body Composition History (Weight, Skeletal Muscle Mass, Percent Body Fat, ECW Ratio), InBody Score, Body Type (Based on BMI/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 Circumference (Neck, Chest, Abdomen, Hip, Right Arm, Left Arm, Right Thigh, Left Thigh), Research Parameters (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) · Results Interpretation QR Code · Impedance	
Outputs (InBody Results Sheet for Children)	· Results and Interpretations Body Composition Analysis (Total Body Water, Protein, 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), Research Parameters (Intracellular Water, Extracellular Water, Basal Metabolic Rate, Child Obesity Degree, Bone Mineral Content, Body Cell Mass), Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product) · Results Interpretation QR Code · Impedance	

Feature Specifications

Optional Equipment	Stadiometer from InBody, Blood pressure monitor from InBody
Custom Logo	Name, Address, and Contact Information can be shown on the InBody Results Sheet.
Digital Results	LCD Monitor, Data management software Lookin'Body120
Types of Result Sheets	InBody Test Results Sheet, InBody Test Results Sheet for Children
Voice Guidance	Provides audible indication for test in progress, test complete, and successfully saved settings changes.
Database	Test results can be saved if the member ID is utilized. The InBody can save up to 100,000 results.
Test Mode	Self Mode, Professional Mode
Administrator Menu	Setup: 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'Body120 data management software)
Barcode Reader	The member ID will be automatically inputted when the barcode ID is scanned.
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	400μA (± 40μA)	
Adapter	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 InBody) * A list of printers compatible with the InBody570 can be found at http://www.inbodyservice.com	
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	-10 ~ 70°C (14 ~ 158°F), 10 ~ 80% RH, 50 ~ 106kPa (No Condensation)	
Testing Weight Range	10 ~ 250kg (22.0 ~ 551lbs)	
Testing Age Range	3 ~ 99 years	
Height Range	95 ~ 220cm (3ft. 1.4in. ~ 7ft. 2.6in.)	



* Specifications may change without prior notice.

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

CE 0120 · U.S. patent U.S. 5720296 · Canada patent C.N. 2225184 · Japan patent · ISO13485 · ISO9001 · Korea Food & Drug Administration

InBody

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