InBody270

Great precision for flexible solution



Modern

Ergonomic design for efficient workflow

Reliable

Proven and reliable performance

Standard

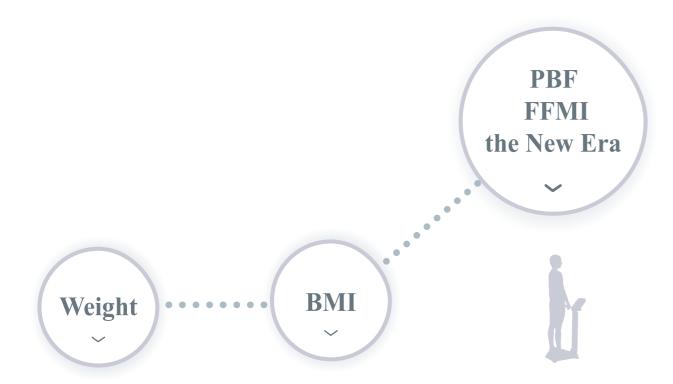
The archetype of body composition test

The Evolution of Health Indicator

Paradigm shift of your health indicator

While simple and inexpensive, BMI often faced vigorous debate regarding health evaluation.

Medical professionals recognized that it is not enough to evaluate health by only considering weight and height. Therefore, people start to think inside of the body - Body Composition. Based on that, the concept of FFMI which means how much fat free mass you have inside of your body emerged and it is now considered as a new standard of health evaluation.



After using weight scale to measure human body, people started to think of weight and health together. BMI was the indicator of whether you are underweight, normal or overweigh by only using height and weight.

$$BMI = \frac{\text{weight (kg)}}{\text{height}^2 (m^2)}$$

PBF(Percent Body Fat)

Percent Body Fat (PBF) is the percentage of body fat compared to body weight. Actual obese status can be known through PBF.

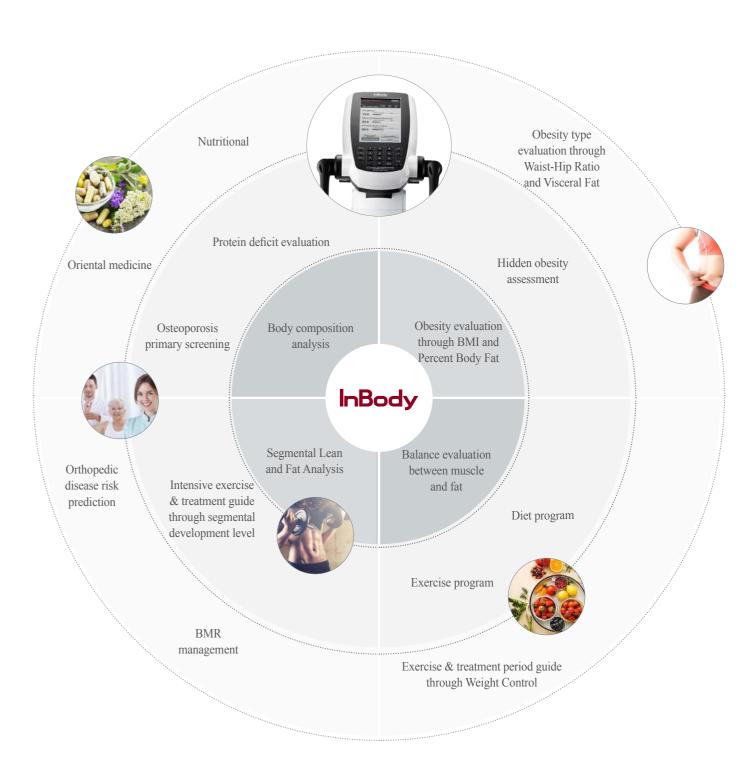
FFMI (Fat Free Mass Index)

Fat Free Mass Index (FFMI) is calculated by dividing Fat Free Mass by height squared. This index can be used for monitoring FFM.

InBody Applications

InBody Test results can be used as an indicator for proper prescription by monitoring your health status in many areas such as obesity, nutrition, rehabilitation etc.

Providing a smart healthcare service with high technology and helping everyone live a healthier life, that's the great mission of InBody.







Timeless Style, Yet Significant Feature Changes

The all new InBody270 is now more elegant and premium than ever before. Its silhouette, combined with clean lines and high-class design elements provides a truly impressive appearance.

InBody270 Smart Usage Flow







Easy Installation



Barcode Reader

Quick member registration and ID number input available with barcode reader.





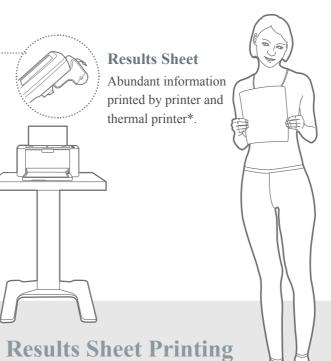
Data Management and Consultation



Results Sheet Abundant information printed by printer and thermal printer*.

Foldable Structure Foldable structure for easy installation and safe

relocation.



User-friendly Interface

Easy operation through both touch screen and keypad.

Voice Guidance

Step-by-step posture guide for complete measurement.

InBody Test

^{*} Carrying Bag, Thermal Printer and Lookin' Body120 are optional items.

InBody Results Sheet

Parameters on the right part of results sheet can be displayed as optional, depending on the customers' needs.

You can select and print Nutrition Evaluation, Body Balance Evaluation, Waist Circumference and Blood Pressure data in addition to items displayed in the results sheet.

1 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.

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

Shows how well developed your muscle is for each part of the body. See where you should work on more.

5 Segmental Fat Analysis

You can check and manage fat mass on each segmental part of the body. Monitor Percent Body Fat of each part and try to keep them in 'Normal' range.

6 Body Composition History

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

InBody

[InBody270]

InBody

D	Height	Age	Gender	Test Date & Time
Jane Doe	156.9cm	51	Female	2016.01.04.09:46

10.0 15.0 18.5 21.0 25.0 30.0 35.0 40.0 45.0 50.0 55.0

13.0 18.0 23.0 28.0 33.0 38.0 43.0 48.0 53.0 58.0

1.6 kg

183.0 %

Over

2.9 kg

130.0 %

Normal

19.7 19.7 19.8 19.7 19.8 19.6

65.3 63.9 62.4 61.8 62.3 60.9 60.5

▼Recent □Total 14.10.10 14.12.30 15.02.02 15.04.15 15.05.12 15.08.10 15.10.15 16.01.04 09:46 09:45 11:01 08:33 15:50 08:35 09:46

41.3 40.7 39.2 39.0 39.4 38.6 37.8 36.9

5 Segmental Fat Analysis

11.7 kg

240.0 %

Over

1.5 kg

178.0 %

Over

2.9 kg

130.0 %

Normal

TEL:02-501-3939 FAX:02-501-2716

1 Body Composition Analysis

2 Muscle-Fat Analysis

3 Obesity Analysis

1.94 kg

98.1 %

Normal

5.02 kg

80.6 %

Under

Weight

SMM

PBF ant Body Fat

4 Segmental Lean Analysis

17.7 kg

95.4 %

Normal

6 Body Composition History

2.02 kg

102.2 %

Normal

 $5.20 \ kg$

83.6 %

Under

Total amount of water in body	Total Body Water	(L)	27.5 (26.3 ~ 31.4)
For building muscles	Protein	(kg)	$7.2 (7.0 \sim 8.6)$
For strengthening bones	Minerals	(kg)	2.63 (2.44 ~ 2.98)
For storing excess energy	Body Fat Mass	(kg)	21.8 (10.3 ~ 16.5)
Sum of the above	Weight	(kg)	59.1 (43.9 ~ 59.5)

nBody Score

$68/100\,\mathrm{Points}$

* 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

Obesity Evaluation

BMI	□ Normal M Under	□ Over □ Over
PRF	□ Normal □ Slighty	M Over

Waist-Hip Ratio

0.92 Low 0.75 0.85 High

12 Low 10 High

Research Parameters

Fat Free Mass	32.5 kg
Basal Metabolic Rate	1176 kcal
Obesity Degree	114 % (90~110)
Recommended calorie	2000 kcal

Calorie Expenditure of Exercise —

Golf	115	Gateball	131
Walking	148	Yoga	148
Badminton	150	Table Tennis	150
Tennis	197	Bicycling	197
Boxing	197	Racketball	197
Hiking, No load	229	Jumping Rope	235
Aerobics	235	Jogging	235
Soccer	235	Swimming	235
Japanese Fencing	250	Racketball	250
Squash	250	Taekwondo	250
*Based on your curre *Based on 30 minute			

Results Interpretation QR Code-

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



(A) manadana

		LA			
$Z\!\!\left(\Omega\right)20kHz$	379.6	392.7	26.8	306.8	316.1
100 kHz	373.1	385.4	25.7	303.0	314.1

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1 InBody Score

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

8 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.

••• 9 Obesity Evaluation

Evaluates obesity based on BMI and Percent Body Fat.

10 Waist-Hip Ratio (WHR)

Waist-Hip Ratio is the ratio of waist circumference to hip circumference.

Wisceral Fat Level

Visceral Fat Level is an indicator based on the estimated amount of fat surrounding internal organs in the abdomen.

12 Research Parameters

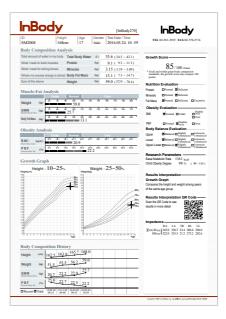
Various nutritional outputs are provided such as Fat Free Mass, Basal Metabolic Rate, Obesity Degree, Recommended calorie intake per day and more. To see a complete list, please scan the results interpretation QR code.

1 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.



Thermal Results Sheet

You can select and print Total Body Water, Protein, Mineral and Waist Circumference data in addition to items displayed in the thermal results sheet.

InBody 04/01/2016 09:46

ID : Jane Doe Height : 156.9cm Gender : Female	Age :51 Weight :59.1kg
Weight	59.1 kg
Muscle Mass Mass of muscle attache (Skeletal Muscle Mass)	19.3 kg ed to your bones.
Body Fat Mass	22.1 kg
Percent Body Fa Reference Range : Mal Fer	t 37.5 % e adult 10~20% male adult 18~28%
BMI Reference Range: Adul	24.0 kg/m ² t 18.5~25.0 kg/m ²
Basal Metabolic I Minimum number of ca life at a resting state.	Rate 1168 kcal lories needed to sustain
Waist Hip Ratio Reference Range : Mal Fer	0.98 e adult 0.80~0.90 nale adult 0.75~0.85
Visceral Fat Leve Reference Range :1~9	
Segmental Lean	Analysis
1.81 kg 90.2 % Normal 16.7 92.6 4.61 kg 72.8 % Under	
Segmental Fat A	nalysis
1.7 kg 190.0 % Over 239 2.9 kg 126.7 % Normal	.8 % —— Right
InBody Score	66 point
Fat Control	- 10.0 kg
Muscle Control	+ 3.8 kg
345. 322	
InBo TEL:02-5 FAX:02-5	01-3939

InBody Technology

The InBody has revolutionized the field of BIA (Bioelectrical Impedance Analysis) and is currently the most advanced product in the market. With a 98% correlation with gold standard body composition methods such as DEXA, the InBody is trusted by top hospitals, gyms, and professional sports teams because of its precision. The InBody is fast, accurate, and non-invasive.



DIRECT SEGMENTAL **MEASUREMENT**

Because the trunk contains the majority of lean body mass, an independent trunk measurement is required for an accurate measurement of muscle mass. InBody measures the impedance for each segment of the body directly.



SIMULTANEOUS MULTI-FREQUENCY (SMF-BIA)

Utilizing InBody's latest advancement in BIA, the patented SMF-BIA, InBody accurately measures ICW and ECW at the same time, reducing variances in your results from the water flow for a faster snapshot of your body composition.



8-POINT TACTILE **ELECTRODE**

8-point tactile electrodes with thumb technology contributes to the high reproducibility of InBody results.



NO USE OF EMPIRICAL **ESTIMATIONS**

The InBody only uses impedance directly acquired from each subject allowing the InBody to always produce correct results without use of empirical estimations, such as gender and age.

Cross-Reference











Ontional Environment	Stadiometer from InBody, Blood pressure monitor from InBody,
Optional Equipment	Thermal printer, SD400
Logo	Name, Address and Contact information can be shown on the
Logo	InBody Results Sheet.
Displaying Method	LCD Monitor, Data management software Lookin' Body
Type of results sheet	InBody Test results sheet, InBody Test results sheet for children,
Type of results sheet	Thermal results sheet
Voice Guidance	Audible indication for test in progress, test complete, and
voice Guidance	successfully saved settings changes
Database	Test results can be saved if the member ID is utilized. Up to
Database	100,000 results can be saved.
Test Mode	Self Mode, Professional Mode
Administrator Menu	Setup: Configure settings and manage data
Administrator Menu	Troubleshooting: Additional information to help use the InBody
LICD Thomas duine	Copy, backup, or restore the InBody test data (data can be viewed
USB Thumb drive	on Excel or Lookin' Body data management software)
D 1. D 1	The member ID will be automatically inputted when the barcode
Barcode Reader	ID is scanned.
Daaloon data	Backup data saved in the InBody by using a USB Thumb Drive,
Backup data	Restore results on the InBody from a backup file.

Impedance Analysis (BIA) | Impedance (Z) | Frequencies at Each of 5 Segments (Right Arm,

Tetrapolar 8-Point Tactile Electrodes

Analysis Method (DSM-BIA),

No Empirical Estimation

(SMF-BIA)

Bioelectrical 10 Impedance Measurements by Using 2 Different

Direct Segmental Multi-frequency Bioelectrical Impedance

Simultaneous Multi-frequency Impedance Measurement

Left Arm, Trunk, Right Leg, and Left Leg)

Other Specifications

Key Specifications

Measurement Items

Electrode Method

Measurement Method

Body Composition

Calculation Method

Bioelectrical

Applied Rating Current	$200\mu A (\pm 40\mu A)$				
Adapter	Manufacturer Model Power Input	BridgePower Corp. BPM040S12F07 AC 100 ~240V, 50/60Hz, 1.2A			
	Power Output	DC 12V, 3.4A			
Display Type	600 x 1024 7inc	ch Color TFT LCD			
Internal Interface	Touchscreen, K	eypad			
External Interface	RS-232C 1EA,	USB HOST 2EA, USB SLAVE 1EA, LAN (10T)			
External interface	1EA, Bluetooth	1EA, Bluetooth 1EA, Wi-Fi 1EA			
	Laser/Inkjet Printers recommended by InBody				
Compatible Printer	* A list of printers compatible with the InBody can be found at				
	http://www.inbodyservice.com				
Dimension	356 (W) × 796 (L) × 995 (H): mm				
Dimension	14.0 (W) × 31.3 (L) × 39.2 (H) : inch				
Equipment Weight	14kg (30.9lbs)				
Testing Time	About 15 secon	ds			
Operation Environment	10 ~ 40 °C (50 ~	104°F), 30 ~ 75% RH, 70 ~ 106kPa			
Storage Environment	$-10 \sim 70 ^{\circ}\text{C} (14 \sim 158 ^{\circ}\text{F}), 10 \sim 80\% \text{RH}, 50 \sim 106 ^{\circ}\text{kPa} (\text{No})$				
Storage Environment	Condensation)				
Testing Weight Range	10 ~ 250kg (22.0 ~ 551.2lbs)				
Testing Age Range	3 ~ 99 years				
Height Range	95 ~ 220cm (3ft. 1.4in. ~ 7ft. 2.61in.)				

^{*} Specifications may change without prior notice.











InBody770	InBody570
, 50, 250, 500, 1000kHz	5, 50, 500kHz

Frequency	1, 5, 50, 250, 500, 1000kHz	1, 5, 50, 250, 500, 1000kHz	5, 50, 500kHz	5, 50, 250kHz	20, 100kHz
Results Sheet Ouputs					
Total Body Water	•	•	•	•	•
Protein	•	•	•	•	•
Soft Lean Mass	•	•	•	•	
Minerals	•	•	•	•	•
Fat Free Mass	•	•	•	•	•
Body Fat Mass	•	•	•	•	•
Weight	•	•	•	•	•
Skeletal Muscle Mass	•	•	•	•	•
Body Mass Index	•	•	•	•	•
Percent Body Fat	•	•	•	•	•
Segmental Lean Analysis	•	•	•	•	•
Segmental Fat Analysis		•	•	•	•
Segmental ECW Ratio	•	•			
ECW Ratio Analysis	•	•	•		
Body Composition History	•	•	•		•
InBody Score		•	•	•	•
Body Type		•	•		
Weight Control		•	•	•	•
Nutrition Evaluation		•	•	•	•
Obesity Evaluation		•	•	•	•
Body Balance Evaluation		•	•	•	•
Segmental Body Water Analysis	•	•			
Segmental ICW Analysis		•			
Segmental ECW Analysis		•			
Segmental Circumference		•	•		
Intracellular Water	•	•	•		
Extracellular Water	•	•	•		
Basal Metabolic Rate	•	•	•	•	•
Waist-Hip Ratio		•	•	•	•
Waist Circumference	•	•	•		•
Visceral Fat Level		•	•		•
Visceral Fat Area	•	•			
Obesity Degree		•	•		•
Bone Mineral Content	•	•	•		
Body Cell Mass	•	•	•		
Arm Circumference	•	•	•		
Arm Muscle Circumference	•	•	•		
TBW/FFM	•	•			
Fat Free Mass Index		•			
Fat Mass Index		•			
Recommended Calorie Intake					•
Calorie Expenditure of Exercise				•	•
QR Code		•	•		•
Reactance	•	•			
Phase Angle	•	•			
Impedance	•	•	•	•	•

InBody

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InBody is a total healthcare device manufacturer that has acquired over 80 patent rights across the globe.





















