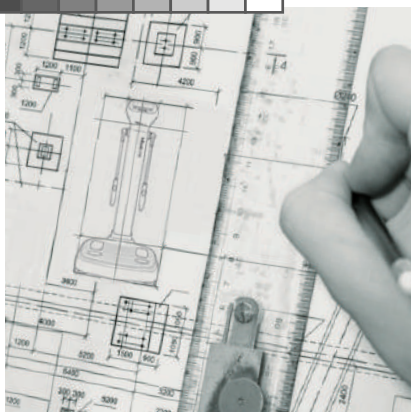For Advanced Analysis

InBody370S

Body Composition Analyzer

InBody

Since InBody established in 1996, we have strived to operate as an excellent, 21st-century company by fulfilling our corporate mission of contributing to society with world-leading technology.

We will continue to support the growth of society with highly value-added products and services while facing all challenges and meeting your expectations with a deep sense of responsibility.

InBody continues to grow day after day by continuously building on small achievements one at a time, instead of searching for one-time, huge successes.

InBody is dedicated to inspiring people to live a healthier life. Going forward, we will continue to follow our motto —"Makes Life Better"— while steadfastly adhering to our guiding principles of passion, effort, and innovation. We ask for your continuing encouragement and support.

InBody Technology

8-POINT TACTILE ELECTRODE

8-point tactile electrode with thumb technology contributes to the 99% reproducibility of each InBody Test, and is a key technology located on each palm and foot electrode.
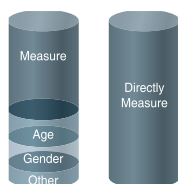

NO USE OF EMPIRICAL ESTIMATIONS

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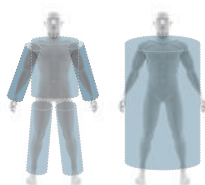
DIRECT SEGMENTAL MEASUREMENT

InBody is the only BIA device that can directly measure the impedance of each body segment and measure the trunk independently.
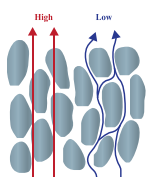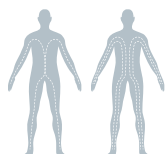

MULTI FREQUENCY

InBody uses 2 to 6 high and low frequencies simultaneously, ranging from 1kHz ~ 1MHz, which enable ICW and ECW to be measured separately.
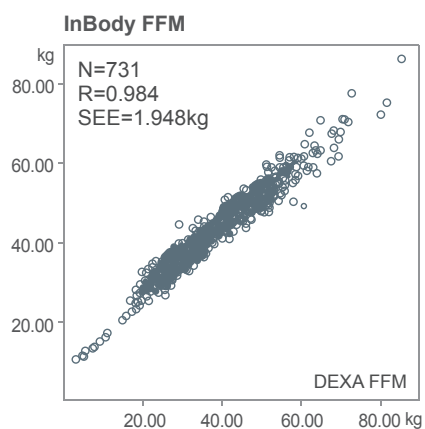
3rd Generation of InBody Line Up

SMF-BIA (Patent registration number: US 8271079);
Simultaneous Multi-Frequency Bioelectrical Impedance Analysis
Another innovative achievement for BIA technology

InBody370S

InBody370

InBody330

InBody370S provides research-level accuracy

· Hundreds of validation studies have proven InBody as one of the most accurate body composition analyzers.

· InBody has acquired over 80 patent rights across the globe for its unique and highly accurate technology.

· InBody holds numerous certifications from organizations such as NAWI and CE that assure research-level results.

· Scientifically Proven - InBody's BIA body composition analyzers show 98% correlation with DEXA, the gold standard.

InBody FFM

N=731
R=0.984
SEE=1.948kg

DEXA FFM

∗ Male: 343, Female: 388

	N	Minimum	Maximum	Mean	Std. Deviation
Age (years)	731	5.00	88.00	40.09	17.54
Height (cm)	731	106.50	193.00	162.42	10.43
Weight (kg)	731	17.30	118.30	60.60	13.59

Experience the Exclusive InBody Technology
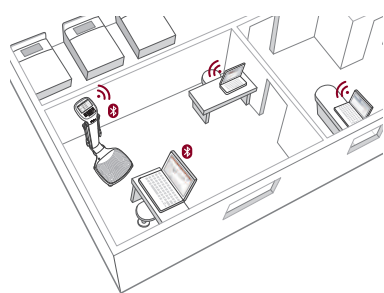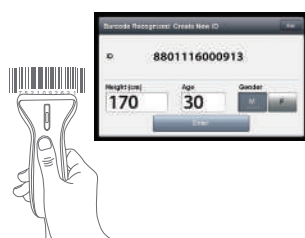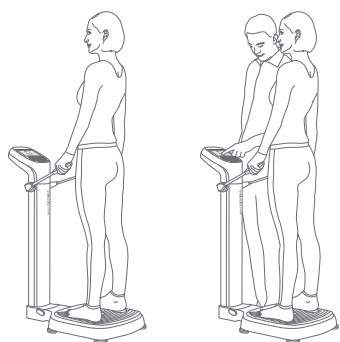
3rd Generation of InBody Line Up
· User-Friendly Interface with Voice Guidance
· Electrical Noise Detection
· Auto Printer Searching
· SMF-BIA Technology (US Patent)
· Stylish exterior

Easy and Quick Measurement
· Quick Measurement
· Professional (Nurse-assisted) or Self Mode
  (Fully automated system)
· QR Code for Self Interpretation
· Troubleshooting for Basic Repair
· Barcode Scanner

Wireless Solution
· Data Management Software
· Stadiometer
· Cloud Service Enabled

Customization and Versatile Use
· Result Sheet
· Adjust Normal Range (BMI, PBF and WHR)
· Thermal Result Sheet
· Child Result Sheet
· Carrying Case

Enhanced Security
· Auto Lock Display
· HIPPA compliance*
  *Health Insurance Portability and Accountability Act

Additional outputs from the InBody370S

Segmental Circumference

Segmental Circumference is the estimated outer circumference of each body part based on the body composition. By simply standing on the device, you can have Neck, Chest, Abdomen, Hip, Right/Left Arm, Right/Left Thigh circumference in less than 30 seconds.

Segmental Circumference

Neck	15.2 cm
Chest	69.2 cm
Abdomen	80.5 cm
Hip	78.3 cm
Right Arm	25.6 cm
Left Arm	24.5 cm
Right Thigh	45.3 cm
Left Thigh	52.6 cm

Body Type

Body Types are determined by BMI and Body Fat. Check what kind of Body Type you have. Understanding which of the several body types you're closest to will help you make a better diet and exercise plan, and set realistic, achievable goals that pave the way to your success.

Body Type

BMI (kg/m²)

Athletic Shape	Slightly Obese	Obesity
Muscular Shape	Average	Slightly Obese
Slim Muscular	Slim	Sarco-penic Obesity
Thin	Slightly Thin	

25.0

18.5

18.0   28.0

Percent Body Fat (%)

InBody Result Sheet

The outputs on the right part of the result sheet are optional, and can be displayed as optional, depending on a customer's needs. You can select and print Nutrition Evaluation, Segmental Circumference, Graphs for Waist-Hip Ratio and Visceral Fat Level, Skeletal Muscle Mass, Waist Circumference, Obesity Degree, Recommended Calorie Intake per Day, Calorie Expenditure of Exercise, and Blood Pressure data in addition to items displayed on the result sheet.

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
Shows how well-developed your muscles are for each part of the body. See which areas you should work on more.

❺ Segmental Fat Analysis
You can check and manage fat mass for each segmental part of the body. Monitor each part of Percentage Body Fat and try to keep them in the 'Normal' range.

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

InBody

ID	Height	Age	Gender	Test Da
Jane Doe	156.9cm	51	Female	2016.0

❶ Body Composition Analysis

	Values	Total Body Water	Soft Lean Mass	Fat Free Mass
Total Body Water (L)	27.3 (27.0 ~ 33.0)	27.3	34.8 (34.7 ~ 42.3)	37.0 (36.7 ~ 44.8
Protein (kg)	7.2 (7.2 ~ 8.8)			
Minerals (kg)	2.54 (2.49 ~ 3.05)	non-osseous		
Body Fat Mass (kg)	22.1 (10.6 ~ 16.9)			

❷ Muscle-Fat Analysis

	Under	Normal	Over
Weight (kg)	55 70 85	100 115 130 145	160 175 — 59.1
SMM Skeletal Muscle Mass (kg)	70 80 90	100 110 120 130	140 150 — 19.5
Body Fat Mass (kg)	40 60 80	100 160 220 280	340 400 — 22.1

❸ Obesity Analysis

	Under	Normal	Over
BMI Body Mass Index (kg/m²)	10.0 15.0 18.5	21.0 25.0 30.0 35.0	40.0 45.0 — 24.0
PBF Percent Body Fat (%)	8.0 13.0 18.0	23.0 28.0 33.0 38.0	43.0 48.0 — 37.3

❹ Segmental Lean Analysis

Lean Mass % Evaluation

1.91 kg
90.2 %
Normal

17.7 kg
92.2 %
Normal

1.99 kg
94.1 %
Normal

Left — Right

5.15 kg
72.8%
Under

5.24 kg
74.3 %
Under

❺ Segmental Fat Analysis

1.6 kg
190.0 %
Over

11.8 kg
239.8 %
Over

Left —

3.0 kg
126.7 %
Normal

❻ Body Composition History
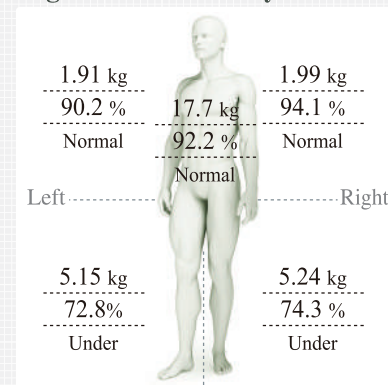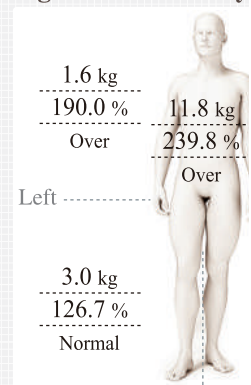
	15.10.10 09:15	15.10.30 09:40	15.11.02 09:35	15.12.15 11:01	16.01.12 08:33	16.02.10 15:50
Weight (kg)	65.3	63.9	62.4	61.8	62.3	60.9
SMM Skeletal Muscle Mass (kg)	20.1	20.0	19.7	19.7	19.8	19.7
PBF Percent Body Fat (%)	41.3	40.7	39.2	39.0	39.4	38.6

☑ Recent ☐ Total

Left: InBody370S Result Sheet (sample)

[InBody370S]

Test Date / Time
2016.05.04. 09 : 46

InBody

TEL: 02-501-3939   FAX: 02-501-3978

Lean Mass   Weight

.0
- 44.8)   59.1
(45.0 ~ 60.8)

7 InBody Score

66 / 100 Points

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

8 Body Type

BMI
(kg/m²)

	Athletic Shape	Slightly Obese	Obesity
25.0	Muscular Shape	Average	Slightly Obese
	Slim Muscular	Slim	Sarco-penic Obesity
18.5	Thin	Slightly Thin	

18.0   28.0
Percent Body Fat (%)

175   190   205   %
150   160   170   %
400   460   520   %

9 Weight Control

Target Weight	52.9 kg
Weight Control	- 6.2 kg
Fat Control	- 9.9 kg
Muscle Control	+ 3.7 kg

45.0   50.0   55.0
48.0   53.0   58.0

Fat Mass
%
Evaluation

10 Obesity Evaluation

BMI	☑Normal	☐Under	☐Slightly Over / ☐Over
PBF	☐Normal	☐Slighty Over	☑Over

analysis

1.6 kg
185.9 %
Over

3 kg
8 %

11 Body Balance Evaluation

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

Right

3.0 kg
127.4 %
Normal

12 Research Parameters

Basal Metabolic Rate	1170	
Waist-Hip Ratio	0.98	(0.75 ~ 0.85)
Visceral Fat Level	12	(1 ~ 9)

Results Interpretation QR Code

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

13 Impedance

Z(Ω)		RA	LA	TR	RL	LL
	5 kHz	373.1	385.4	25.7	303.0	314.1
	50 kHz	337.2	352.5	23.0	282.3	289.8
	250 kHz	307.9	322.9	20.4	263.3	272.7

※ Segmental fat is estimated.

9   60.5   59.1
7   19.8   19.5
6   37.8   37.3

.10   16.03.15   16.05.04
0   08:35   09:46

Right column

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

8 Body Type
Check your body type at a glance based on your BMI and Percent Body Fat.

9 Weight Control
See how your body measures up to the recommended Weight, Muscle Mass, and Body Fat Mass. The '+' means to gain and the '-' means to lose.

10 Obesity Evaluation
Evaluates obesity based on BMI and Percent Body Fat.

11 Body Balance Evaluation
Evaluates the body balance between the upper/lower sections and between the right/left section.

12 Research Parameters
Various nutritional outputs are provided, such as Basal Metabolic Rate, Waist-Hip Ratio, Visceral Fat Level, Bone Mineral Content, and more. To see a complete list, please scan the results interpretation QR code.

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 Result Sheet for Children
A specially designed result sheet with a Growth Graph is available for children.

InBody370s Specifications

Key Specifications

Bioelectrical Impedance Analysis (BIA) Measurement Items	Bioelectrical Impedance (Z)	15 Impedance Measurements by Using 3 Different Frequencies (5kHz, 50kHz, 250kHz) 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) Simultaneous Multi-frequency Impedance Measurement (SMFIM)
Body Composition Calculation Method		No Empirical Estimation
Outputs (InBody Result 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), Segmental Fat Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg), Body Composition History (Weight, Skeletal Muscle Mass, Percent Body Fat), 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), Nutrition Evaluation (Protein, Minerals, Fat Mass), Obesity Evaluation (BMI, Percent Body Fat), Body Balance Evaluation (Upper, Lower, Upper-Lower), Segmental Circumference (Neck, Chest, Abdomen, Hip, Right Arm, Left Arm, Right Thigh, Left Thigh), Waist-Hip Ratio (Graph), Visceral Fat Level (Graph), Research Parameters (Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Waist-Hip Ratio, Waist Circumference, Visceral Fat Level, Obesity Degree, Bone Mineral Content, Recommended calorie intake per day, Calorie Expenditure of Exercise, Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product)) Results Interpretation QR Code, Impedance (Each segment and each frequency)
Outputs (InBody Result 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), Research Parameters (Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Child Obesity Degree, Bone Mineral Content, Growth Score, Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product)) Results Interpretation QR Code Impedance (Each segment and each frequency)
Outputs (InBody Thermal Result Sheet)		Total Body Water, Protein, Minerals, Weight, Muscle Mass, Body Fat Mass, Percent Body Fat, BMI, Basal Metabolic Rate, Waist-Hip Ratio, Waist Circumference, Visceral Fat Level, Segmental Lean Analysis(Right Arm, Left Arm, Trunk, Right Leg, Left Leg), Segmental Fat Analysis(Right Arm, Left Arm, Trunk, Right Leg, Left Leg), InBody Score, Fat Control, Muscle Control, Impedance (Each segment and each frequency)

Feature Specifications

Optional Equipment	Stadiometer from InBody, Blood pressure monitor from InBody, Thermal printer from InBody
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 Children, InBody Test Thermal Results Sheet
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 InBody
USB Thumb Drive	Copy, backup, or restore the InBody test data (data can be viewed on Excel or Lookin'Body 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	200µA (±40µA)	
Adapter	Manufacture	BridgePower Corp.
	Model	BPM040S12F07
	Power Input	AC 100-240V, 50-60Hz, 1.2A
	Power Output	DC 12V, 3.4A
Display Type	480 × 800 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 InBody can be found at http://www.inbodyservice.com	
Dimension	522 (W) × 874 (L) × 1059 (H): mm 20.6 (W) × 34.4 (L) × 41.7 (H) : inch	
Equipment Weight	26kg (57.3lbs)	
Testing Time	About 15 seconds	
Operation Environment	10 ~ 40°C, 30 ~ 75% RH, 70 ~ 106 kPa	
Storage Environment	-10 ~ 70°C, 10 ~ 80% RH, 50 ~ 106 kPa (No Condensation)	
Testing Weight Range	10 ~ 250kg (22.0 ~ 551.2lbs)	
Testing Age Range	3 ~ 99 years	
Height Range	95 ~ 220cm (3ft. 1.40in. ~ 7ft. 2.61in.)	

∗ Specifications may change without prior notice.

InBody

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Tel (+351) 229 999 880

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

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