

InBody S10

InBody770

InBody570

InBody370

InBody230

InBody170

InBody120

InBody J30

BSM370 (Stadiometer)

BSM170 (Stadiometer)

BPBIO320 (Blood Pressure Monitor)

Lookin'Body (Data Management Software)

# InBody



# InBody

### Precise Body Composition Analyzers for professional use

- An exclusively dedicated company for body composition analyzer

### Brand power No. 1 'InBody'

- Recognized as "body composition analysis=InBody test"

### A Company of Quality & Technology

- The world's first segmental analysis using the unique Tetrapolar 8-point Tactile Electrode System
- Owns numerous recognized worldwide patents
- Approval of FDA (USA), CE (Europe), MHLW (Japan), SFDA(China)
- Profound clinical researches about body composition for more than 15 years

### Pioneering the overseas market

- Established InBody subsidiaries in the USA, Japan and China
- More than 60 distribution channels all over the world
- Successful penetration into Japan supplying to major fitness club chains
- Chosen by top medical schools in the USA, Europe, Japan and other major countries in the world

### Stable financial structure

- Continuous increase in a growth rate of sales, as well as in profit since the establishment



### History

- 1996 Established Biospace Co., Ltd.
- 1999 Completed a technology transfer agreement with the 'Y' company in Japan  
Acquired CE0120, EN46001, MDD, ISO9001, MHLW certificate
- 2000 Established Biospace Co., Ltd. in Japan  
Listed on KOSDAQ
- 2002 Established Manufactory in Cheonan
- 2003 Received FDA approval
- 2003 Launched Biospace Inc. in the USA  
Awarded Technology innovation enterprise by Korea Institute of Science & Technology (KISTEP)  
Awarded High Technology Invention by Korea Industrial Property office  
Awarded Minister's Prize of MOCIE (Ministry of Commerce, Industry & Energy) at 36th Precision Technology Promotion (Precise product technology section)  
Awarded Excellent Enterprise Prize at Korean Superior Medical Equipment exhibition hosted by Korea Food & Drug Administration  
Home care InBody Release
- 2007 Awarded Certificate of INNO-BIZ by Small and Medium Business Administration  
Korean World-class Product Award 2007 by Minister of Commerce, Industry and Energy
- 2008 Launched Biospace China Inc. in Shanghai
- 2009 Appointed ATC(Advanced Technology center)  
InBody sales and R&D cooperation with GE Healthcare
- 2010 Appointed Smart Care pilot carriers by the Ministry of Knowledge Economy.  
Appointed hidden champion by KRX, 2010
- 2014 Company name has been changed as 'InBody Co., Ltd.'

### CEO Profile *Ki-Chul Cha Ph. D*

- |                    |  |
|--------------------|--|
| <b>2005 ~ Now</b>  | Director of Korea Venture Business Association     |
| <b>2004 ~ Now</b>  | Deliberation committee of Health policy            |
| <b>1995 ~ Now</b>  | CEO, InBody Co., Ltd.                              |
| <b>1992 ~ 1994</b> | Post Doctor, Harvard Medical School                |
| <b>1986 ~ 1992</b> | Ph. D, Bioengineering, University of Utah          |
| <b>1982 ~ 1986</b> | Research staff at Daerim Technical Research Center |
| <b>1980 ~ 1982</b> | MS, Mechanical Engineering, KAIST                  |
| <b>1976 ~ 1980</b> | BS, Mechanical Engineering, Yonsei Univ.           |

### Papers

Kichul Cha, Andrew G. Hill, Jan D. Rounds, Douglas W. Wilmore, MULTI-FREQUENCY BIOELECTRICAL IMPEDANCE FAILS TO QUANTIFY SEQUESTRATION OF ABDOMINAL FLUID, J. Appl. Physiol. 78(2):736-739, 1995

Kichul Cha, G.M. Chertow, J.M. Lazarus, Douglas W. Wilmore, MULTI-FREQUENCY BIOELECTRICAL IMPEDANCE ESTIMATES THE DISTRIBUTION OF BODY WATER, J. Appl. Physiol. 79(4):1316-1319, 1995.

Kichul Cha, Sunyoung Shin, Cheongmin Shon, Seunghoon Choi, Douglas W. Wilmore, EVALUATION OF SEGMENTAL BIOELECTRICAL IMPEDANCE ANALYSIS(SBIA) FOR MEASURING MUSCLE DISTRIBUTION, J. ICHPER. SDASIA. p11-14, 1997

Kichul Cha, James Biggs, Kenneth Horsch, ELECTRICAL RESISTIVITY OF THE UPPER ARM AND LEG YIELDS GOOD ESTIMATES OF WHOLE BODY FAT, Physiol. Meas. 22:365-376, 2001 and more

## TECHNOLOGY

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Meet InBody and experience its outstanding technology, which overcomes the limit of conventional BIA. InBody surpassed previous technical limit of BIA with its distinguished technology.

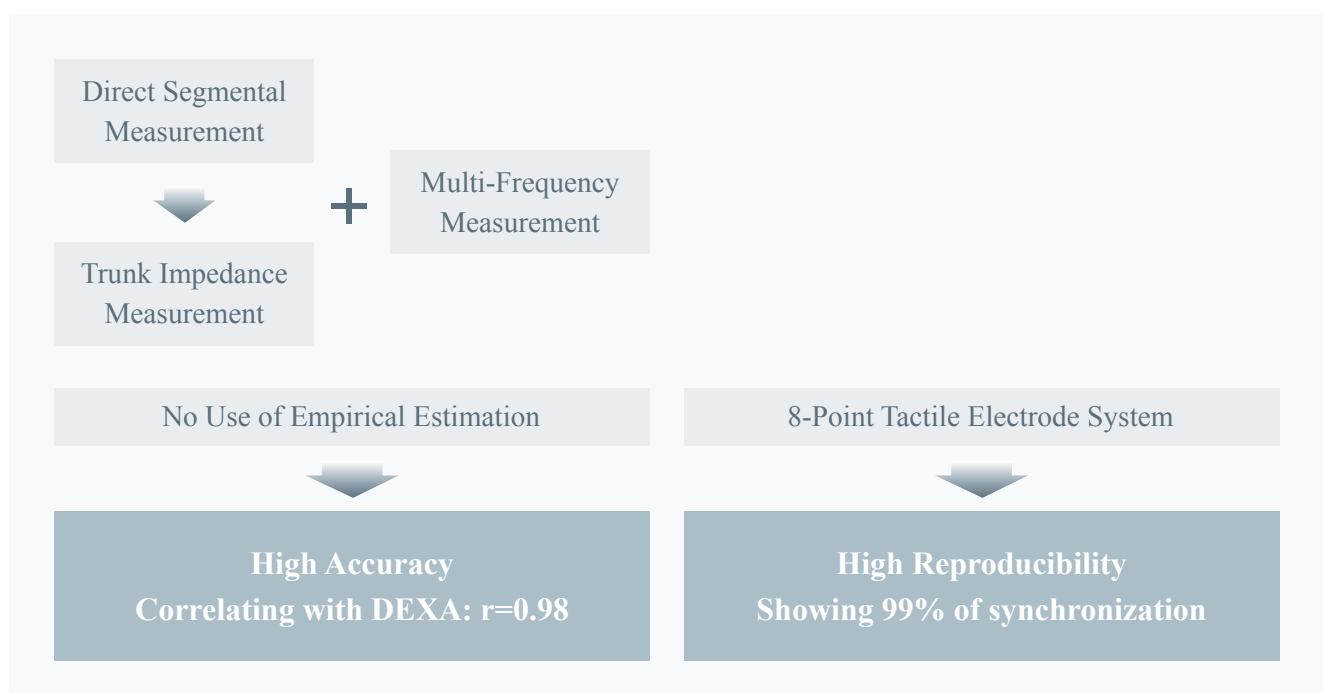
### Core Technologies of InBody

InBody is proud to introduce its core technologies that overcome the drawbacks that keep BIA technology from providing accurate result of human body composition.

By Applying Direct Segmental Measurement, InBody is also able to measure impedance value for trunk part which counts for the largest part of body.

Applying Direct Segmental Measurement and Multi-frequency Measurement allows InBody to provide accurate result without relying on empirical estimation.

8-Point Tactile Electrode System with the use of thumb electrode guarantees high accuracy as well as high reproducibility.

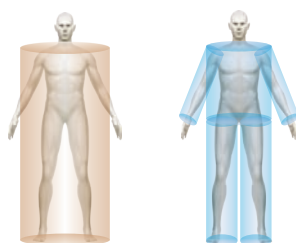
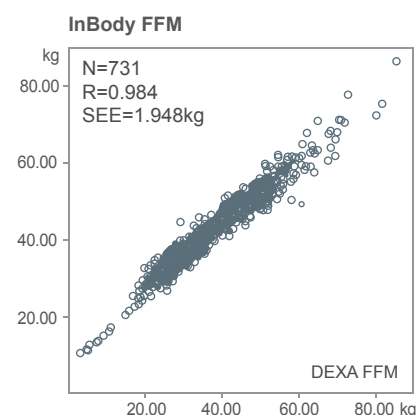


## InBody has overcome the limitation of conventional BIA by its exclusive technologies

With the technological advancement, the InBody proved itself as the most accurate BIA device to measure the body composition. The study is showing that Fat Free Mass (FFM) of the InBody is having 98% of correlation with a FFM of DEXA. Also, the InBody have a high accuracy not even for a normal population, but also with the other groups of population such as morbid obese, different races, and different kinds of patients.

\* 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

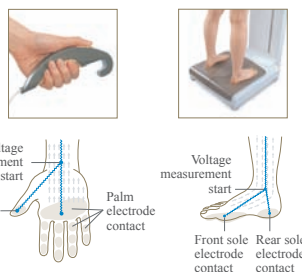


1-cylinder model

5-cylinder model

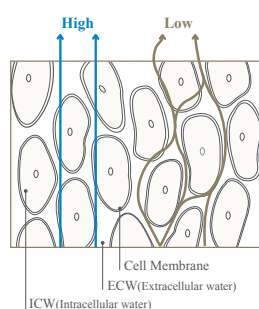
### Direct Segmental Measurement

InBody's patented technology makes the measurement absolutely accurate by measuring impedance for each different segment: 4 limbs and trunk.



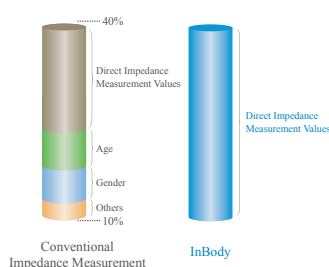
### Tetrapolar 8-point Tactile Electrode System

Our tetrapolar 8-point tactile electrodes technology has made it possible to enhance accuracy and reproducibility by fixing the measuring location of current and voltage.



### Multi-frequency Measurement

InBody uses multi-frequencies from 1kHz to 1MHz to measure ICW and ECW separately and hence, is useful in analyzing people's body composition with imbalanced body water distribution.



### No Use of Empirical Estimation

Thanks to InBody's exclusive technology, it no longer relies on empirical estimation. Gender or age does not affect the result.



## PRODUCT



### Portable Use for Patients in Bed

## InBody S10

#### Specification

Size: 202(W) × 322(L) × 53(H): mm  
Color: White  
Display Unit: 800 × 480 Touch Color LCD  
Frequency: 1, 5, 50, 250, 500, 1000kHz  
Hand type: Touch Type, Adhesive Type



### For Professional Use

## InBody 770

#### Specification

Size: 526(W) × 850(L) × 1175(H): mm  
Color: Gold, White  
Display Unit: 800 × 480 Touch Color LCD  
Frequency: 1, 5, 50, 250, 500, 1000 kHz  
Hand type: Line Type

#### Features

- Total & Segmental body water analysis, water ratio(ECW/TBW) for ideal dry weight decision
- Separate indication of intracellular / extracellular water
- Dialysis mode to check before/during/after dialysis state for dialysis patients
- History function to monitor changes with accumulated data and graphs
- Posture type choice; lying / standing / sitting type
- 3 different result sheets; body composition analysis, body water, body water
- 2 different electrodes; touch type, adhesive type
- Ideally designed bag and cart
- Touch screen LCD
- USB Storage for data saving and backup
- Easy upgrade by using USB drive

#### Measurement Parameters

- Intracellular/Extracellular Water, Segmental Body Water
- Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat
- Segmental Lean Mass
- Segmental Water Ratio(ECW/TBW)
- BCM, BMC, AC, AM, Waist Cir., TBW/FFM
- Visceral Fat Area
- Body Water History
- Segmental Impedance from each frequency, Reactance, Phase Angle

#### Features

- SMF-BIA (Patent registration number: US 8271079); Simultaneous Multi-Frequency Bioelectrical Impedance Analysis
- 2 Different Color Options (Gold, White)
- Testing Weight Range 10- 270kg (22.0-595lbs)
- 10.2 inch Color TFT LCD Screen
- 3 Different Types of Results Sheets; For Adult, For Children and For Body Water Analysis
- Dual test modes for self operation or professional consultation
- Wi-Fi or Bluetooth connectivity for PC available
- Customized Results Sheet
- Automatic Electrical Noise Filtering
- Troubleshooting Guidance
- Adjustable Normal Range
- Auto Lock for unauthorized use
- Reactance and Whole Body Phase Angle measurement

#### Measurement Parameters

- <For Adult>
- Intracellular/Extracellular Water, Total Body Water
- ECW Ratio, Segmental ECW Ratio
- Segmental Lean Mass, Segmental Lean Percentage, Segmental Fat Mass, Segmental Fat Percentage
- Visceral Fat Area(Level)
- Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat, Waist-Hip Ratio(WHR)
- Obesity Degree, BMR, BCM, BMC, AC, AMC
- Nutritional Evaluation
- Body Composition History (Up to 8 results)

#### <For Body Water Analysis>

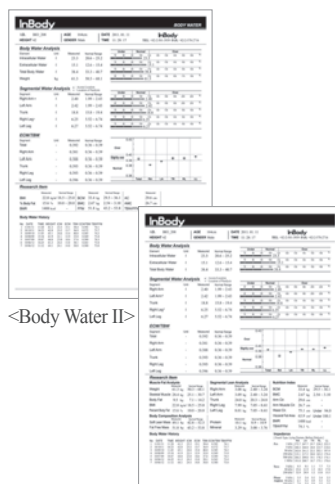
- More detailed body water analysis in segmental (Body Water Composition, Segmental body water & ECW ratio analysis)

#### <For Children>

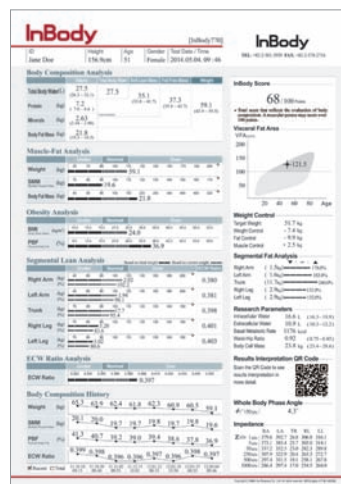
- Growth Chart (Height/Weight), Body Balance Evaluation, Growth Score
- Total Body Water, Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat



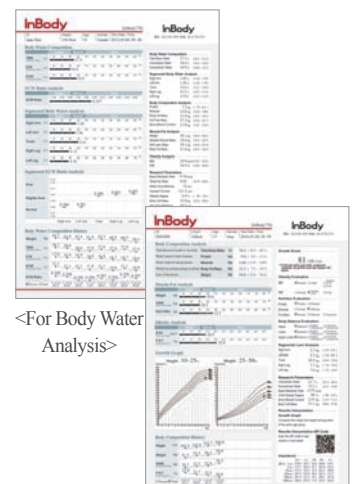
<Body Composition>



<Body Water I>



<For Adult>



<For Body Water Analysis>

<For Children>



reddot award 2014  
winner



### For Precise Analysis

## InBody 570

### Specification

Size: 522(W) × 893(L) × 1113(H): mm  
Color: White & Black  
Display Unit: 800 × 480 Touch Color LCD  
Frequency: 5, 50, 500kHz  
Hand Type: Bar Type



### For Practical Diagnosis

## InBody 370

### Specification

Size: 460(W) × 677(L) × 1020(H): mm  
Color: White  
Display Unit: 800 × 480 Touch Color LCD  
Frequency: 5, 50, 250kHz  
Hand Type: Bar Type

### Features

- History monitoring of body composition development through graphical analysis
- 7 inch LCD color touch screen display
- Fast and easy User Experience with voice guidance
- Dual test modes for self operation or professional consultation
- Wi-Fi or Bluetooth connectivity for PC available
- Customized Results Sheet
- Automatic Electrical Noise Filtering
- Troubleshooting Guidance
- Adjustable Normal Range
- Red Dot Design Award
- Auto Lock for unauthorized use

### Measurement Parameters

#### <For Adult>

- Intracellular/Extracellular Water, Total Body Water
- ECW Ratio
- Segmental Lean Mass, Segmental Lean Percentage, Segmental Fat Mass, Segmental Fat Percentage
- Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percentage Body Fat, Waist-Hip Ratio(WHR)
- Obesity Degree, BMR, BCM, BMC, AC, AMC
- Nutritional Evaluation
- Body Composition History(Up to 10 results)

#### <For Children>

- Growth Chart (Height/Weight), Body Balance Evaluation, Growth Score
- Total Body Water, Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat
- Obesity Degree, Weight Control, BMR

### Features

- History monitoring of body composition development through graphical analysis
- Segmental analysis of Fat Mass and Lean Mass
- Exercise planner based on individual's weight
- 7 inch LCD color touch screen display
- Thermal printer available(option)
- USB Storage for data saving and backup
- Easy upgrade by using USB drive

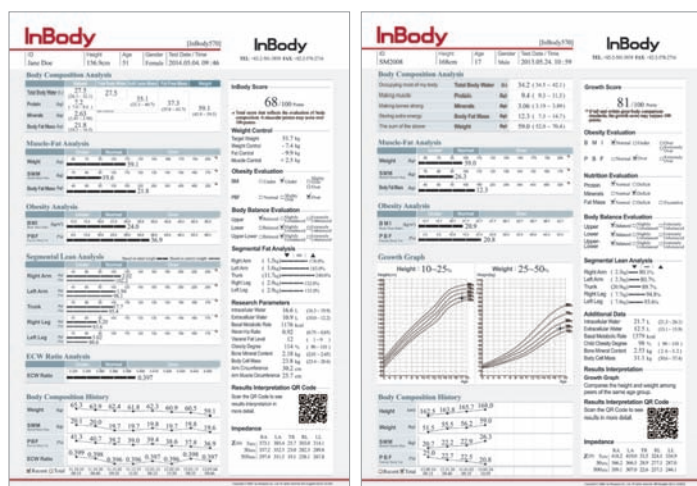
### Measurement Parameters

#### <For Adult>

- Total Body Water, Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat, WHR
- Segmental Fat Mass, Segmental Lean Mass
- Weight Control, BMR
- Nutrition Evaluation
- Fitness Score, Exercise Planner
- Segmental Impedance from each frequency

#### <For Children>

- Growth Chart (Height/Weight), Body Balance Table
- Total Body Water, Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat
- Obesity Degree, Weight Control, BMR
- Nutrition Evaluation
- Growth Score
- Segmental Impedance from each frequency



<For Adult>

<For Children>



<For Adult>



<For Children>



## For Convenient Use

# InBody230

### Specification

Size: 356(W) × 843(L) × 984(H): mm  
Color: Silver & Black  
Display Unit: 320 × 240 STN LCD  
Frequency: 20, 100kHz  
Hand Type: Bar Type



## For Simple Use

# InBody170

### Specification

Size: 397(W) × 608(L) × 955(H): mm  
Color: White  
Display Unit: 155 × 85 EBTN LCD  
Frequency: 20, 100kHz  
Hand Type: Line Type

### Features

- Light weight, foldable compact size
- Thermal printer available (option)
- Segmental analysis of fat mass and lean mass
- Exercise planner to pick out the proper exercises and to plan weight control
- Specially designed result sheet for children
- USB storage for data saving and backup
- Easy to upgrade by using USB drive
- Built-in result sheet for the use of plain A4 papers

### Measurement Parameters

#### <For Adult>

- Segmental Fat Mass, Segmental Lean Mass
- Total Body Water, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percentage Body Fat, Waist-Hip Ratio(WHR)
- Muscle-Fat Control, BMR(Basal Metabolic Rate)
- Segmental Impedance from each frequency

#### <For Children>

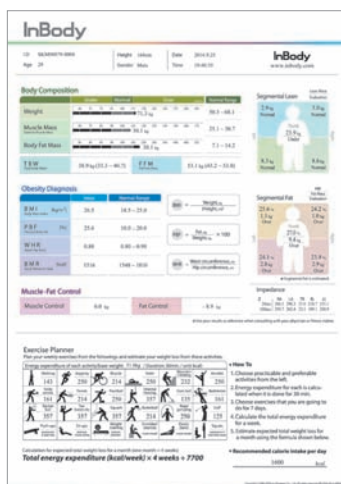
- Growth Chart (Height/Weight), Body Balance Table
- Total Body Water, Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat
- Obesity Degree, Weight Control, BMR(Basal Metabolic Rate)
- Nutritional Evaluation
- Growth Score
- Segmental Impedance from each frequency

### Features

- Light weight, compact size
- Thermal printer available (option)
- Segmental analysis of fat mass and lean mass
- Classy & Stylish design
- Voice guidance for instructions
- Built-in result sheet for use of plain A4 papers

### Measurement Parameters

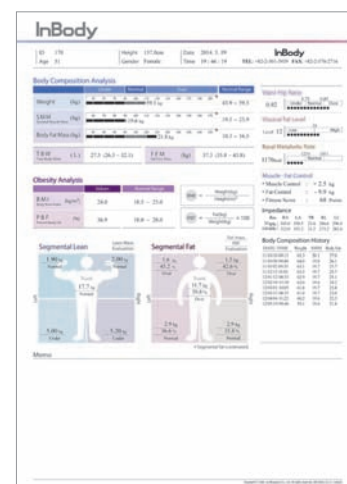
- Segmental Lean Mass, Segmental Fat Mass, Segmental Fat Percentage
- Visceral Fat Level
- Total Body Water, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat, Waist-Hip Ratio(WHR)
- Muscle-Fat Control, BMR(Basal Metabolic Rate)
- Body Composition History(results of 10trials)
- Segmental Impedance from each frequency



<For Adult>



<For Children>





For Handy Use

## InBody120



## Specification

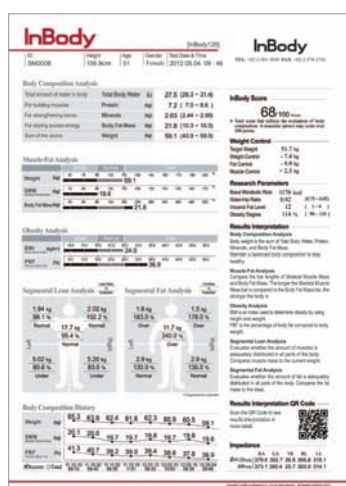
Device Size: 392(W) × 434(L) × 55.2(H) : mm  
 Stand Size(Optional): 393(W) × 516(L) × 732(H) : mm  
 Color: White  
 Frequency: 20, 100kHz  
 Hand Type: Line Type

## Features

- Easy to use with portable size and a carrying bag
- Convenient data transfer to PC via Bluetooth
- Available as standing mode with an optional column
- Fastest measurement time less than 20 seconds
- Thermal printer available (option)

## Measurement Parameters

- Results and Results Interpretation
- 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)
- Segmental Lean Analysis (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
- Weight Control (Target Weight, Weight Control, Fat Control, Muscle Control)
- Research Parameters (Basal Metabolic Rate, Waist-Hip Ratio, Visceral Fat Level, Obesity Degree)
- Results Interpretation QR Code
- Impedance (Each frequency, Each Segment)



For Child Healthcare

## InBodyJ30



## Specification

Size: 396(W) × 665(L) × 1351(H) : mm  
 Color: Brown & Gold  
 Display Unit: 320 X 240 Color STN LCD  
 Frequency: 5, 50, 250 kHz  
 Hand Type: Bar Type

## Features

- Automatic height measuring from built-in stadiometer
- Sliding down & foldable design
- Rear wheels for easy moving
- Voice guidance for instructions
- Understandable result sheet for children
- Powerful results sheet for adults
- Built-in results sheet for the use of plain A4 papers

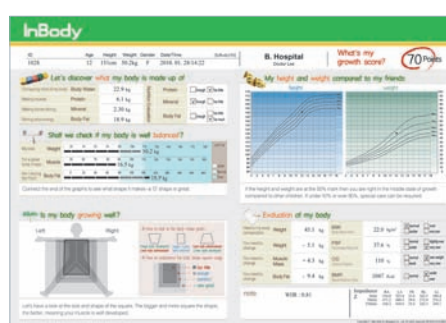
## Measurement Parameters

&lt;For Children&gt;

- Growth Chart (Height/Weight), Body Balance Graph
- Total Body Water, Protein, Mineral, Body Fat Mass, Skeletal Muscle Mass
- BMI, Percent Body Fat
- Nutritional Evaluation
- Obesity Degree, Weight Control, BMR(Basal Metabolic Rate)
- Obesity Diagnosis
- Growth Score
- Segmental Impedance from each frequency

&lt;For Adult&gt;

- Total Body Water, Protein, Mineral, Body Fat mass, Skeletal Muscle Mass
- BMI, Percent Body Fat, WHR
- Segmental Fat Mass, Segmental Lean Mass
- Nutritional Evaluation, Weight Control, BMR(Basal Metabolic Rate)
- Obesity Diagnosis
- Fitness Score, Exercise Planner
- Segmental Impedance from each frequency



&lt;For Children&gt;



&lt;For Adult&gt;



## For BMI Measurement

# BSM370

- Black
- Brown
- Green

### Specification

Size: 380(W) × 510(L) × 1350(H): mm  
 Color: Black / Brown / Green  
 Display Unit: 7-segment LED



## For Height Measurement

# BSM170

### Specification

Size: 390(W) × 500(L) × 2190(H) : mm  
 Color: White & Black  
 Display Unit: Customized LCD 55 × 31

### Features

- Accurate height measurement with automatic touch bar
- Compatible with body composition analyzer, InBody
- Sliding down & foldable design
- Wheels for easy moving
- Remote control unit for convenient result check up (BSM370 only)

### Measurement Parameters

- Height
- Weight
- BMI

### Features

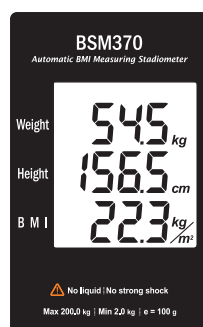
- Digital 2.5 inch large LCD with backlight
- Free standing durable structure by strong foot plate
- Cable free and no limitation of installation place
- Automatic Energy saving system
- Compatible with Body Composition Analyzer, InBody

### Measurement Parameters

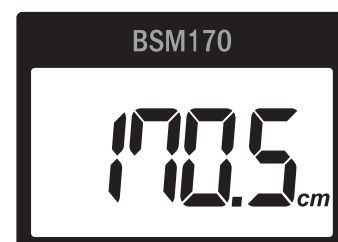
- Height

<b>BSM370</b>	2014 / 03 / 15 / 10:27:34
· Height	156.5 cm
· Weight	54.5 kg
· BMI	22.3 kg/m <sup>2</sup>
<b>InBody</b>	

<Thermal Results Sheet>



<LCD screen>



<LCD screen>

Green



Blue



Orange



## Up-Load Blood Pressure Monitor BPBIO320

### Specification

Size: 489(W) × 409(L) × 284(H): mm  
Color: Green / Blue / Orange  
Display Unit: 7-segment LED

### Features

- Energy saving mode: Automatic turning-off system after 2 minutes of the last measurement
- Enhanced comfort using the compressor belt
- 3 colors of choice
- Wide LED screen
- Emergency button: Safe secured system for emergency
- Printing and saving error codes for quick and complete customer service

### Measurement Parameters

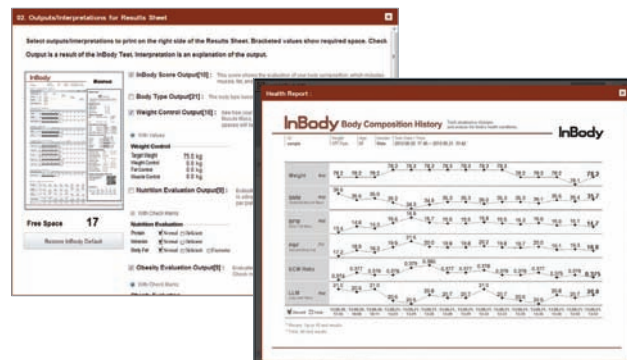
- Systolic
- Diastolic
- Pulse

## InBody Data Management Software Lookin' Body



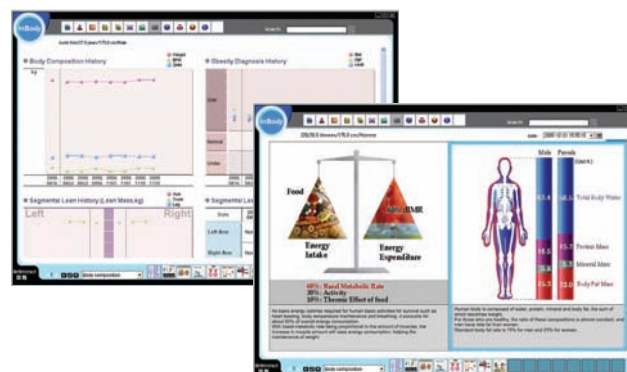
### Lookin'Body120 (Designed for Enhanced Management)

- All new design for enhanced user experience
- Organize client's data and track progress with visual graphs
- Customize Results Sheet outputs
- Share data on same networks
- Integrate Electronic Medical Records (EMR)
- Connect with the InBody via Wi-Fi/Bluetooth
- Enhance personal data security
- E-mail results to clients
- Manage blood pressure data



### Lookin'Body Basic (Basic for all different use)

- History management of personal data
- Data storage without capacity limit
- Simple and easy to use
- User friendly menu icons
- Effective customer management
- Reservation function
- Basic obesity information(8 clips)
- Computer-based result sheet
- E-mail function(option)



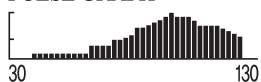
\* MEASURE TIME : 10/05/06 14:00

Systolic : 120 mmHg

Diastolic : 79 mmHg

Pulse : 76 bpm

PULSE GRAPH



&lt;Graph Printout&gt;

\* MEASURE TIME : 10/05/06 14:00

Systolic : 120 mmHg

Diastolic : 79 mmHg

Pulse : 76 bpm

&lt;3 Line Printout&gt;



**InBody Co., Ltd. [HEAD OFFICE]**

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FAX: +86-21-64439706

Website: <http://www.biospacechina.com>

E-mail: [info@biospacechina.com](mailto:info@biospacechina.com)

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