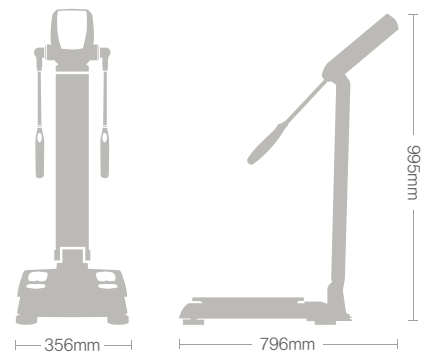


# Specifications

## InBody270 Body Composition Analyzer

<b>Bioelectrical Impedance Analysis (BIA) Measurement Items</b>	Bioelectrical Impedance(Z)	10 Impedance Measurements by Using 2 Different Frequencies(20kHz, 100kHz) at Each of 5 Segments (Right Arm, Left Arm, Trunk, Right Leg, and Left Leg)
<b>Electrode Method</b>	Tetrapolar 8-Point Tactile Electrodes	
<b>Measurement Method</b>	Direct Segmental Multi-frequency Bioelectrical Impedance Analysis Method (DSM-BIA) Simultaneous Multi-frequency Impedance Measurement (SMF-BIA)	
<b>Body Composition Calculation Method</b>	No Empirical Estimation (Age and Gender does not affect the result)	
<b>Optional Equipment</b>	Stadiometer, Blood Pressure Monitor and Thermal Printer from InBody	
<b>Logo Display</b>	Name, Address and Contact information can be shown on the InBody Result Sheet.	
<b>Digital Results</b>	LCD Monitor, Data Management Software LookinBody	
<b>Type of results sheets</b>	InBody Test Result Sheet, InBody Test Result Sheet for Children, Thermal Result Sheet	
<b>Voice Guidance</b>	Provides audible indication for test in progress, test complete, successfully saved settings and changes	
<b>Data Storage</b>	Possible to save results when ID is entered (Up to 100,000 measurements)	
<b>Test Mode</b>	Self Mode, Professional Mode	
<b>Administrator Menu</b>	Setup: Configure settings and manage data Troubleshooting: Additional information to help use the InBody	
<b>USB Thumb drive</b>	Copy, backup, or restore the InBody Test Data (data can be viewed on Excel or LookinBody Data Management Software)	
<b>Barcode/QR Reader (USB HID Interface)</b>	The member ID will be automatically inputted when the Barcode/QR ID is scanned * Barcode/QR Reader is optional device	
<b>Backup data</b>	Backup data saved in the InBody by using a USB Thumb Drive Restore results on the InBody from a backup file	
<b>Applied Rating Current</b>	200 $\mu$ A ( $\pm$ 40 $\mu$ A)	
<b>Adapter</b>	Always use the specified adapter provided by InBody Co., Ltd. Power Input AC 100 ~240V, 50/60Hz, 1.2A Power Output DC 12V, 3.4A or 3.34A	
<b>Display Type</b>	480 x 800 7inch Color TFT LCD	
<b>Internal Interface</b>	Touchscreen, Keypad	
<b>External Interface</b>	RS-232C 1ea, USB HOST 2ea, USB SLAVE 1ea, LAN (10T) 1ea, Bluetooth 1ea, Wi-Fi 1ea	
<b>Compatible Printer</b>	Laser/Inkjet Printers recommended by InBody Co., Ltd. * For compatible printers, please contact InBody Co., Ltd.	
<b>Dimension</b>	356 (W) x 796 (L) x 995 (H): mm 14.0 (W) x 31.3 (L) x 39.2 (H) : inch	
<b>Equipment Weight</b>	14kg (30.9lb)	
<b>Testing Time</b>	About 15 seconds	
<b>Operation Environment</b>	10 ~ 40°C (50 ~ 104°F), 30 ~ 75% RH, 70 ~ 106kPa	
<b>Storage Environment</b>	-10 ~ 70°C (14 ~ 158°F), 10 ~ 80% RH, 50 ~ 106kPa (No Condensation)	
<b>Testing Weight Range</b>	10 ~ 250kg (22.0 ~ 551.2lb)	
<b>Testing Age Range</b>	3 ~ 99 years	
<b>Height Range</b>	95 ~ 220cm (3 ft 1.40 in ~ 7 ft 2.61 in)	
<b>Language Support</b>	InBody supports over 30 languages.	

\* Specifications may change without prior notice.



<b>Outputs (InBody Result Sheet)</b>	<p>Results and Interpretations:</p> <ul style="list-style-type: none"> <li>• Body Composition Analysis (Total Body Water, Protein, Minerals, Body Fat Mass, Weight)</li> <li>• Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass)</li> <li>• Obesity Analysis (Body Mass Index, Percent Body Fat)</li> <li>• Segmental Lean Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Segmental Fat Analysis (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)</li> <li>• Body Composition History (Weight, Skeletal Muscle Mass, Percent Body Fat)</li> <li>• InBody Score</li> <li>• Weight Control (Target Weight, Weight Control, Fat Control, Muscle Control)</li> <li>• Nutrition Evaluation (Protein, Minerals, Fat Mass)</li> <li>• Obesity Evaluation (BMI, Percent Body Fat)</li> <li>• Body Balance Evaluation (Upper, Lower, Upper-Lower)</li> <li>• Waist-Hip Ratio (Graph)</li> <li>• Visceral Fat Level (Graph)</li> <li>• Research Parameters (Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Waist-Hip Ratio, Waist Circumference, Visceral Fat Level, Obesity Degree, Recommended calorie intake per day, Calorie Expenditure of Exercise, Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product), SMI)</li> <li>• QR Code</li> <li>• Impedance (Each segment and each frequency)</li> </ul>
<b>Outputs (InBody Result Sheet for Children)</b>	<p>Results and Interpretations:</p> <ul style="list-style-type: none"> <li>• Body Composition Analysis (Total Body Water, Protein, Minerals, Body Fat Mass, Weight)</li> <li>• Muscle-Fat Analysis (Weight, Skeletal Muscle Mass, Body Fat Mass)</li> <li>• Obesity Analysis (Body Mass Index, Percent Body Fat)</li> <li>• Growth Graph (Height, Weight)</li> <li>• Body Composition History (Height, Weight, Skeletal Muscle Mass, Percent Body Fat)</li> <li>• Growth Score</li> <li>• Obesity Evaluation (BMI, Percent Body Fat)</li> <li>• Nutrition Evaluation (Protein, Minerals, Fat Mass)</li> <li>• Body Balance (Upper, Lower, Upper-Lower)</li> <li>• Research Parameters (Skeletal Muscle Mass, Fat Free Mass, Basal Metabolic Rate, Child Obesity Degree, Growth Score, Blood Pressure (Systolic, Diastolic, Pulse, Mean Artery Pressure, Pulse Pressure, Rate Pressure Product))</li> <li>• QR Code</li> <li>• Impedance (Each segment and each frequency)</li> </ul>
<b>Outputs (InBody Thermal Result Sheet)</b>	<p>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)</p>

## InBody

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E-mail: info.eu@inbody.com

### InBody India [INDIA]

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Mumbai 400070 India  
TEL: +91-22-6223-1911  
Website: inbody.in  
E-mail: india@inbody.com

#### Certificates



CE1639



NAWI



ISO13485



ISO9001



MDSAP

#### Intellectual Properties



U.S. patent



Opic-cipo



China patent



Japan patent



Korea patent



iF Design Award

#### Awards



iF Design Award

For more details about the patents that we acquired, please visit our website or refer to the patent gazette of intellectual property office of each country.

# InBody270

Portable Body Composition Analyzer



# See What You're Made of

## *Portable Body Composition Analyzer*

The InBody270 goes beyond weight scale and measures how much lean mass you have in each body segment. With these values, you can monitor how your body is changing along with dietary plans, fitness routines and lifestyle.

The InBody270 is portable yet features the accuracy and precision customers expect from InBody.

### Key Features



#### 15 Seconds

Quick and easy body composition test



#### No Estimations

Only impedance is used to calculate results; no statistical data needed



#### History

Tracks changes on the Body Composition History chart on the result sheet



#### Lean Mass

Provides lean mass values of each body segment



#### Body Fat

Provides segmental fat and visceral fat analysis



#### Design

Specially designed to attract the attention of the customers



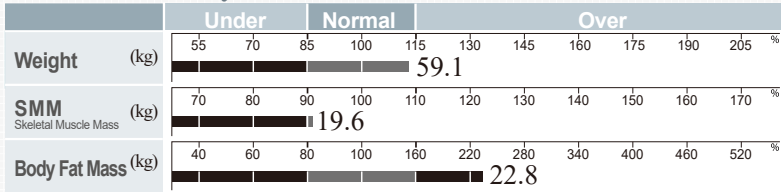
\* Portable Bag (option)

ID	Height	Age	Gender	Test Date & Time
Jane Doe	156.9cm	51	Female	2020.08.04 09:46

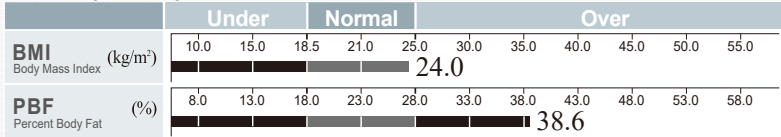
## 1 Body Composition Analysis

Total amount of water in body	<b>Total Body Water</b>	(L)	26.5 ( 26.4 ~ 32.2 )
For building muscles	<b>Protein</b>	(kg)	7.2 ( 7.0 ~ 8.6 )
For strengthening bones	<b>Minerals</b>	(kg)	2.64 ( 2.44 ~ 2.98 )
For storing excess energy	<b>Body Fat Mass</b>	(kg)	22.8 ( 10.3 ~ 16.5 )
Sum of the above	<b>Weight</b>	(kg)	59.1 ( 43.9 ~ 59.5 )

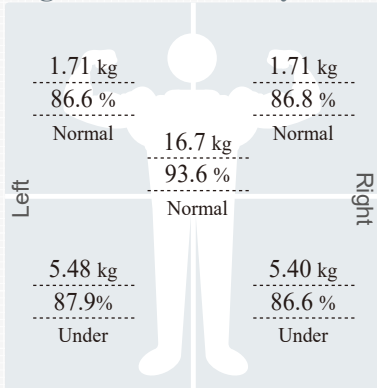
## 2 Muscle-Fat Analysis



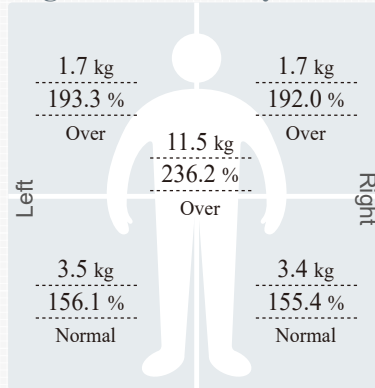
## 3 Obesity Analysis



## 4 Segmental Lean Analysis

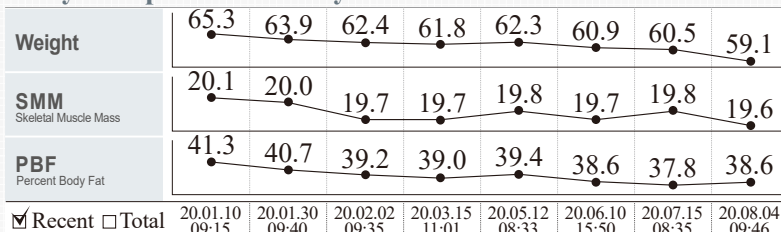


## 5 Segmental Fat Analysis



\* Segmental fat is estimated.

## 6 Body Composition History



## 7 InBody Score

66 / 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	- 10.9 kg
Muscle Control	+ 3.5 kg

## 9 Obesity Evaluation

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

## 10 Waist-Hip Ratio



## 11 Visceral Fat Level



## 12 Research Parameters

Fat Free Mass	36.3 kg
Basal Metabolic Rate	1154 kcal (1255 ~ 1451)
Obesity Degree	114 % ( 90 ~ 110 )
SMI	5.8 kg/m <sup>2</sup>
Recommended calorie intake per day	1397 kcal

## Calorie Expenditure of Exercise

Golf	104	Gateball	112
Walking	118	Yoga	118
Badminton	134	Table Tennis	134
Tennis	177	Bicycling	177
Boxing	177	Racketball	177
Mountain Climbing	193	Jumping Rope	207
Aerobics	207	Jogging	207
Soccer	207	Swimming	207
Japanese Fencing	296	Racketball	296
Squash	296	Taekwondo	296

\*Based on your current weight  
\*Based on 30 minute duration

## 13 QR Code



Scan the QR Code to see results on the website.

## 14 Impedance

	RA	LA	TR	RL	LL
Z(Ω) 20 kHz	443.8	444.0	29.0	340.7	330.6
100 kHz	407.3	408.8	26.6	299.5	289.8

# The InBody Results Sheet

Body composition analysis and nutritional information

## 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 better health status you are in.

## 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

Analyze to evaluate if the muscles are adequately developed in the body segments. The top bar shows your muscle mass status compared to the ideal weight and the bottom bar shows your muscle mass status compared to your current weight.

## 5 Segmental Fat Analysis

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

## 6 Body Composition History

Measure your body composition periodically to monitor your progress.

## 7 InBody Score

InBody Score is your score after evaluating your body composition.

## 8 Weight Control

Use the Target Weight, Weight Control, Fat Control, Muscle Control to set your own goal.

## 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.

## 11 Visceral 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, Visceral Fat Level, Recommended calorie intake per day and more.

## 13 QR Code

Scan the QR Code to see your results on the website, or even on your mobile app.

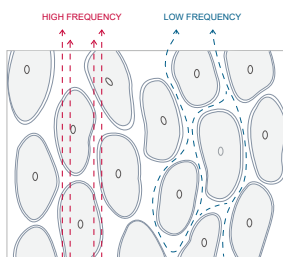
## 14 Impedance

Empedans vücuda verilen minik elektrik akımı geçerken karşılaşılan resistans(direnç)tir. Bu ölçüm ile tüm vücut kompozisyonu analiz edilebilir. Empedans değeri pek çok araştırmada kullanılmaktadır.

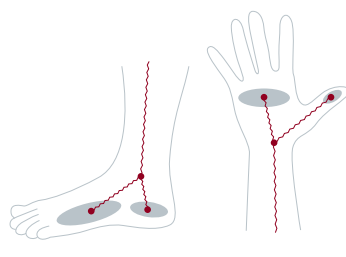
\*Additional InBody Results Sheet

InBody Result Sheet for Children, Thermal Result Sheet

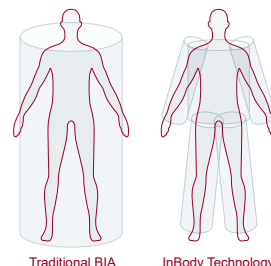
# InBody Technology



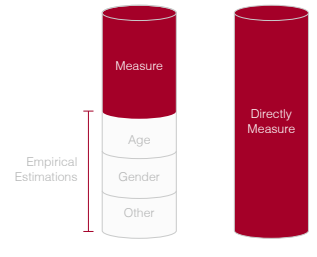
Multiple Frequencies



8-Point Tactile Electrode System with Thumb Electrodes



Direct Segmental Measurements



No Empirical Estimations



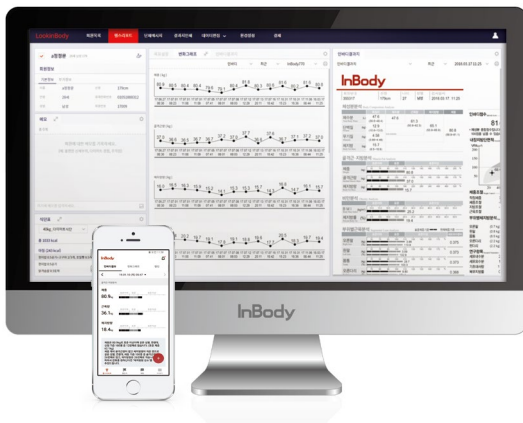
# Experience Comprehensive Wireless Solution

Enhance your workflow with InBody wireless solution



## LookinBody Database Management

LookinBody Web (Option) | Cloud Database Management



### ► CONVENIENT ACCESS

On Demand | Anywhere and Everywhere

With multi-browser compatibility, use any computer or tablet to keep track of your clientele data.

### ► RELIABLE DATA

Intuitive Analytics

Experience data-driven business management through dashboard and intuitive analytics by branches, staffs, customers, and devices.

### ► MOBILE APPLICATION

Bağlantıda kalın

Stay connected with your clients. The InBody mobile app is designed to let your clients keep track of their results and goals, and stay connected.

LookinBody 120 (Option) | PC Program for Customer Management



► A client database management software that is compatible with the InBody models. This software allows you to view and manage all InBody data generated from your InBody device.