www.inbalance.co.kr

Dein Text

InBalance 300

Body Composition Analyzer

Anytime, Anywhere.. Real Smart "InBalance"

InBalance 300 is a Body Composition Analyzer which can access the data anytime, anywhere via app or web.

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Anytime, Anywhere. Real Smart "InBalance 300"

Smart in Every Sense! Experience of Convenience!!

Rich Information in Simple Form!

Perfect Basics in Body Composition Analysis

- Overall obesity diagnosis using BMI & body aft mass ratio
- Waist-hip ratio & Visceral fat area analysis
- Segmental analysis for fat & muscle
- Well-formatted display with easy data recognition
- Observation of changing trend by accumulated data management

Conveniences for Both of User and Admin

* InBalance 300 app is available at Apple App Store and Google Play Store.

- Wide scale (10.1") touch screen LCD for user convenience
- Intuitive UI for self measurement
- Offering overall data for easy understanding
- Measured data management by user registration
- Offering App for membership management, for administrator in hospitals or for trainers in the gym (Optional)

Connectivity Makes it Smart

* InBalance 300 app is available at Apple App Store and Google Play Store.

- Automatic upgrade of the built-in software
- Internet connectivity via WiFi and LAN
- Wireless (Bluetooth, WiFi) printer supported
- External interface for interconnection with other devices (BP monitor, stadiometer, exercise equipment and so on)
- Web & mobile app supported based on cloud service
- Simple membership management using barcode
- Designed based on standard API for other medical devices and healthcare services to be connected to the same Smart Healthcare Platform

App & Web Service Smart Device.

- Registered user can access the recorded measuring data anywhere, anytime.

Ergonomic Design

- Wide Display and fixed hand grips are ergonomically designed to offer comfortable measuring posture to everybody.

Screen Configuration for Self-Use

- Intuitive display UI enables users to measure without assistance.

Auto Update

- Keep the unit updates automatically to maintain ultimate working condition.

High Performance with Cost Effectiveness!

InBalance 300 is Enough for Most Applications.

InBalance 300 is a real portable and foldable body composition analyzer based on 4 frequencies(5kHz, 50kHz, 100kHz, 250kHz), segmental BIA (Bioelectrical Impedance Analysis).

User's own smartphone or tablet could be used with InBalance App, which is available in Apple App Store and Google Play Store.

Rich Information in Simple Form

Accurate Body Composition Analysis

InBalance 300 offers precise analysis of body compositions in consideration of individual weight, height, gender, age, and diagnose obesity.

Precise Measurement Using Multiple Frequencies

InBalance 300 uses 4 frequencies (5kHz, 50kHz, 100kHz, 250kHz), and offers actual impedance value.

Tetrapolar 8-point tactile BIA method

4 each tactile points in hands and foots, and 2 frequencies provide more precise analytic results.

The best solution for chains of fitness center & gym

Thanks to above smart features, smart member management is available in a gym, and in particular, gym chains with an optional mobile app supplied by third-party supplier.

- Easy sign-in using a bar code displayed on app
- The measuring result is displayed right away on the app, and/or on the web, and is saved automatically on the gym server and/or in service cloud
- In case of the gym chains, the measuring records could be checked in any gym of the chains
- Various kind of exercise and dietary recommendation is available on the app and/or web

Rich Information in Simple Form

Body Composition Analyzer

InBalance 300

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#1409, Biz-Center, 124, Sagimakgol-ro, Jungwon-gu, Seongnam-si, Gyeonggi-do, Korea Tel. +82-2-1833-7010 Fax. +82-2-6953-0599

ID	Gender	Age	Height	Weight	Date
Bio1234	Male	34	170.0cm	75.0kg	2018.06.14

1 Body Composition Analysis

( ):Standard

	Measure	Body Water	Muscle Mass	Fat Free Mass	Weight
ICF (ℓ) Intra-Cellular Fluid	26.12	39.18 (31.79~43.23)	49.9 (44.8~54.75)	53.5 (48.07~58.75)	75.0 (54.04~73.12)
ECF (ℓ) Extra-Cellular Fluid	13.06				
Protein (kg)	10.7 (7.63~9.54)				
Mineral (kg)	3.64 (3.69~3.81)				
Body Fat Mass (kg)	21.5 (8.14~13.22)				

2 Skeletal Muscle & Fat Mass Analysis

	Under	Normal	Over
Weight (kg)		75.0	
SMM (kg) Skeletal Muscle Mass		29.2	
Body Fat Mass (kg)		21.5	
Muscle Mass (kg)		49.9	
Fat Free Mass (kg)		53.5	

3 Obesity Analysis

	Under	Normal	Over
BMI (kg/㎡) Body Mass Index		26.0	
PBF (%) Percent Body Fat		28.6	
Obesity Degree (%)		118.0	

4 Waist–Hip Ratio Analysis

	Under	Normal	Over
Waist-Hip Ratio		0.91	
Visceral Fat (㎠)		98.6	
Type of Obesity	Upper body obesity abdominal obesity		

5 Segmental Analysis

: Muscle Based standard W

		Under	Normal	Over
Right Arm	Muscle (%)		85.1 (2.9 kg)	
	Fat (kg)		1.4	
Left Arm	Muscle (%)		85.4 (2.9 kg)	
	Fat (kg)		1.4	
Trunk	Muscle (%)		84.9 (23.9 kg)	
	Fat (kg)		12.9	
Right Leg	Muscle (%)		82.9 (8.5 kg)	
	Fat (kg)		2.9	
Left Leg	Muscle (%)		82.9 (8.5 kg)	
	Fat (kg)		2.9	

6 Overall Assessment

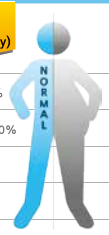
73/100

Average Health

Grade 3/5

7 Body Composition Ratio

Overfat (Abdomen Obesity)



Mineral	5.5~6.0%	5%
Protein	12.0~15.0%	14%
Fat	12~20%	29%
TBW	50~68%	52%

8 Weight Control

Standard Weight	63.6kg
Normal Weight	63.7kg
Weight Control	-11.3kg
Fat Control	-11.3kg
Muscle Control	0.0kg

9 Calorie Control

Basal Metabolic Rate	1526kcal
1 Day Required Calories	2289kcal
1 Day Recommended Calories	2010kcal

Impedance

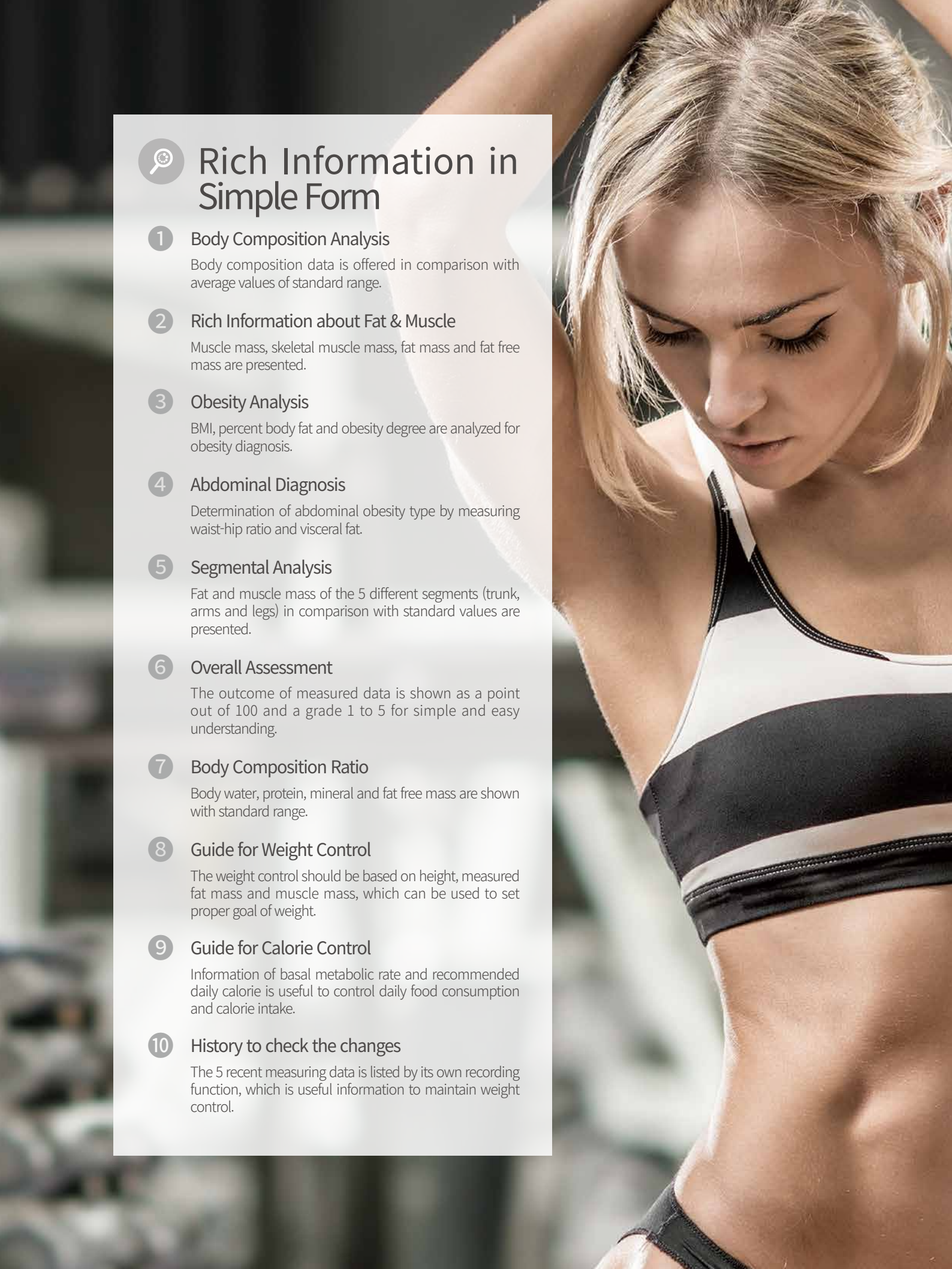
	RA	LA	TR	RL	LL
5kHz	368.3	361.8	34.4	264.0	264.2
50kHz	324.3	321.0	26.5	231.1	230.5
100kHz	306.3	303.5	26.5	218.4	217.8
250kHz	273.6	272.8	23.5	193.5	197.2

10 Data History

	BMI(kg/㎡)	W(kg)	BFM(%)	SMM(kg)
2018.05.20	25.99	75.5	28.8	29.2
2018.05.27	25.95	75.0	28.6	29.2
2018.06.10	25.66	74.2	27.4	29.4
2018.06.12	25.67	74.2	27.4	29.4
2018.06.14	25.66	74.2	27.1	29.5

Remarks

IBA300E_ver.3.0.0



Rich Information in Simple Form

1 Body Composition Analysis

Body composition data is offered in comparison with average values of standard range.

2 Rich Information about Fat & Muscle

Muscle mass, skeletal muscle mass, fat mass and fat free mass are presented.

3 Obesity Analysis

BMI, percent body fat and obesity degree are analyzed for obesity diagnosis.

4 Abdominal Diagnosis

Determination of abdominal obesity type by measuring waist-hip ratio and visceral fat.

5 Segmental Analysis

Fat and muscle mass of the 5 different segments (trunk, arms and legs) in comparison with standard values are presented.

6 Overall Assessment

The outcome of measured data is shown as a point out of 100 and a grade 1 to 5 for simple and easy understanding.

7 Body Composition Ratio

Body water, protein, mineral and fat free mass are shown with standard range.

8 Guide for Weight Control

The weight control should be based on height, measured fat mass and muscle mass, which can be used to set proper goal of weight.

9 Guide for Calorie Control

Information of basal metabolic rate and recommended daily calorie is useful to control daily food consumption and calorie intake.

10 History to check the changes

The 5 recent measuring data is listed by its own recording function, which is useful information to maintain weight control.

InBalance 300 Specification

Measuring Method	Multi Frequency, Segmental Bioelectrical Impedance Analysis using 4 different frequencies(5㎑, 50㎑, 100㎑, 250㎑) to measure 20 impedances of 5 body segments (trunk, left arm, right arm, left leg, right leg)
Electrode Method	Tetrapolar 8-point tactile electrodes
Measuring Items	Body Water (Intra-Cellular Fluid, Extra-Cellular Fluid), Mineral, Protein, Body Fat Mass, Fat Free Mass, Weight, Muscle Mass, Skeletal Muscle Mass, Segmental Muscle Mass, BMI(Body Mass Index), Percent Body Fat, Obesity Degree, Waist-Hip Ratio, Visceral Fat Area, Figure type, Body Ratio, Basal Metabolic Rate, Recommended Weight Control, Recommended Fat Control, 1 Day Required/ Recommended Calories, Overall Score, Abdomen Diagnosis, Measuring History, Impedances for each frequency.
Measuring Range for Age	Age over 5
Measuring Range for Weight	10 to 250 kg, 22 to 551 pounds
Measuring Time	Within 70 seconds
Display	10.1" IPS Panel with capacitive touch, resolution of 1280 x 800 pixels
Data Storage	Measured data can be stored after login 100,000 times (off-line, using built-in memory), unlimited (online, cloud)
Communication Interface	USB (x4), WiFi, LAN, RS232C (x2), Bluetooth (optional, using USB)
Mains(Power)	100-240V~, 50/60Hz
Current for Measuring Impedance	500μA (rms)
Electricity Consumption	35VA
Smart Function	If connected to InBalance Cloud Service by user registration and login, all the measuring history could be checked using InBalance App (Android, iOS) and web service
Dimension(WxDxH)	640×450×1040 ㎜ / 25.2"×17.7"×41"
Weight	30kg / 66lbs
Packing Size (WxDxH)	1160×520×230 ㎜ / 46"×20.5"×9.1"
Gross Weight	31kg / 68lbs

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