

InBody 720

THE PRECISION BODY COMPOSITION ANALYZER

Body Composition Analyzer _ InBody for Fitness

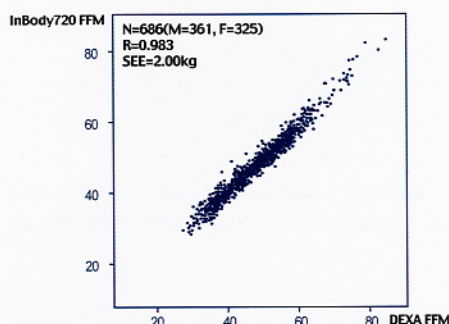


A True Body Composition Analyzer

InBody 720 has overcome the limitations conventional BIA equipment has faced- accuracy and data reproducibility. Its 8-point tactile electrode system and segmental analysis are recognized by worldwide patents.

Accurate Body Composition Analysis

The accuracy rate of InBody is over 98.0%, proved by validation studies against DEXA.



True Diagnosis of Obesity

InBody presents PBF as well as BMI (Body Mass Index) making it easier to distinguish those not visually obese and those muscular. Previously, obesity had been defined strictly by weight and height (Body Mass Index). However, without data on PBF (Percent Body Fat), sarcopenic (non-muscular) people with high PBF and athletes are easily mistaken.

Segmental Muscle Analysis

InBody 720 accurately shows segmental muscle development. It can determine whether parts of body are well-developed. Its high accuracy makes it possible to tell a left-handed person from a right-handed person. Precise analysis of segments helps monitoring both the process and the effects of exercise and rehabilitation.



InBody 720 Body Composition Analysis

I.D.	AGE	HEIGHT	GENDER	DATE / TIME
SR0058	39	159cm	F	2004.07.01/09:23:50(65000)

Body Composition Analysis

Compartments	Values	Total Body Water	Soft Lean Mass	Fat Free Mass	Weight	Normal Range	
I C W (ℓ) Intracellular Water	19.9	32.6	41.7	44.2	65.9	16.8 ~ 20.5	
E C W (ℓ) Extracellular Water	12.7					10.3 ~ 12.6	
Protein (kg)	8.6	NON-OSSEOUS				7.2 ~ 8.9	
Mineral (kg)	3.00	OSSEOUS: 2.49				2.50 ~ 3.10	
Body Fat Mass (kg)	21.7					9.8 ~ 19.5	

► Mineral is estimated.

Muscle - Fat Analysis

	Under	Normal	Over	UNIT: %	Normal Range
Weight (kg)	55 70 85 100 115 130 145 160 175 190 205	65.9			45.8 ~ 62.0
S M M (kg) Skeletal Muscle Mass	70 80 90 100 110 120 130 140 150 160 170	23.9			20.1 ~ 24.5
Body Fat Mass (kg)	40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 440 460 480 500 520	21.7			4.8 ~ 19.5

Obesity Diagnosis

	Under	Normal	Over	UNIT: %	Normal Range
B M I (kg/m ²) Body Mass Index	10 15 18.5 21.5 25 28 33 38 43 48 53	26.1			18.5 ~ 25.0
P B F (%) Percent Body Fat	8 13 18 23 28 33 38 43 48 53 58	33.0			18.0 ~ 28.0
W H R Waist-Hip Ratio	0.65 0.70 0.75 0.80 0.85 0.90 0.95 1.00 1.05 1.10 1.15	0.86			0.75 ~ 0.85

Lean Balance

	Under	Normal	Over	UNIT: %	Segmental Edema	Edema
Right Arm (kg)	40 60 80 100 120 140 160 180	103.8	2.19		ECF/TBF 0.333 ECW/TBW 0.380	ECF/TBF 0.41 ECW/TBW 0.44
Left Arm (kg)	40 60 80 100 120 140 160 180	97.7	2.06		0.352 0.400	0.38 0.44
Trunk (kg)	70 80 90 100 110 120 130 140	84.7	19.7		0.352 0.400	0.35 0.44
Right Leg (kg)	70 80 90 100 110 120 130 140	85.9	6.83		0.333 0.380	0.28 0.33
Left Leg (kg)	70 80 90 100 110 120 130 140	85.6	6.81		0.333 0.380	0.25 0.33

Body Composition History

DATE / TIME	Weight	SMM	Fat	Score	ECF/TBF
04/03/05 09:55	67.0	23.0	24.5	73	0.348
04/04/02 10:30	66.8	23.0	23.5	73	0.349
04/05/12 09:50	66.5	23.2	22.7	73	0.345
04/06/08 10:23	66.0	23.7	22.0	74	0.343
04/07/01 09:23	65.9	23.9	21.7	74	0.345

Additional Data

	(Normal Range)
Obesity Degree = 124 %	90 ~ 110
B C M = 24.1 kg	24.0 ~ 29.3
B M C = 2.49 kg	2.35 ~ 2.52
B M R = 1324 kcal	1128 ~ 1378

Anthropometry

NECK = 33.6cm	CHEST = 95.1cm
ABD = 84.1cm	HIP = 97.5cm
ACR = 34.4cm	ACL = 34.3cm
THIGH _R = 54.1cm	THIGH _L = 54.1cm
AMC = 28.5cm	

B Fitness Center

Visceral Fat Area

Visceral Fat Area vs Age. Shaded area indicates range. Point: + 87.6

Nutritional Evaluation

Protein	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Deficient
Mineral	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Deficient
Fat	<input type="checkbox"/> Normal	<input type="checkbox"/> Deficient <input checked="" type="checkbox"/> Excessive

Weight Management

Weight	<input type="checkbox"/> Normal	<input type="checkbox"/> Under	<input checked="" type="checkbox"/> Over
M M	<input checked="" type="checkbox"/> Normal <input type="checkbox"/> Strong	<input type="checkbox"/> Under	
Fat	<input type="checkbox"/> Normal	<input type="checkbox"/> Under	<input checked="" type="checkbox"/> Over

Obesity Diagnosis

M I	<input type="checkbox"/> Normal	<input type="checkbox"/> Under	<input checked="" type="checkbox"/> Over
		<input type="checkbox"/> Extremely Over	
P B F	<input type="checkbox"/> Normal	<input type="checkbox"/> Obese	<input checked="" type="checkbox"/> Extremely Obese
W H R	<input type="checkbox"/> Normal	<input type="checkbox"/> Obese	<input checked="" type="checkbox"/> Extremely Obese

Body Balance

Upper	<input type="checkbox"/> Balanced	<input checked="" type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Lower	<input checked="" type="checkbox"/> Balanced	<input type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced
Upper-Lower	<input type="checkbox"/> Balanced	<input checked="" type="checkbox"/> Slightly Unbalanced	<input type="checkbox"/> Extremely Unbalanced

Body Strength

Upper	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Developed	<input type="checkbox"/> Weak
Lower	<input type="checkbox"/> Normal	<input type="checkbox"/> Developed	<input checked="" type="checkbox"/> Weak
Muscle	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Muscular	<input type="checkbox"/> Weak

Health Diagnosis

Body Water	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Under
Edema	<input checked="" type="checkbox"/> Normal	<input type="checkbox"/> Slight Edema <input type="checkbox"/> Edema
Life Pattern	<input type="checkbox"/> Normal	<input checked="" type="checkbox"/> Alert <input type="checkbox"/> Risky
		<input type="checkbox"/> Highly Risky

Weight Control

Total Weight	56.4 kg
Weight Control	- 9.5 kg
Fat Control	- 9.5 kg
Muscle Control	0.0 kg
Fitness Score	74 Points

Impedance

R	RA	LA	TR	RA	LL
1kHz	373.0	370.0	31.2	277.0	278.0
5kHz	362.1	359.3	29.6	266.0	266.0
50kHz	314.0	313.0	25.6	229.0	230.0
250kHz	279.0	283.0	21.6	204.0	204.0
500kHz	269.0	275.0	20.6	198.0	199.0
1000kHz	248.0	254.0	18.1	194.0	195.0
Xc 5kHz	98.9	34.0	3.0	51.8	49.5
50kHz	56.2	91.9	9.5	11.3	12.8
250kHz	18.7	49.8	5.9	83.1	80.8

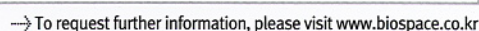
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InBody, the great advertisement for your business!

VFA (Visceral Fat Area), warning of the risk of developing serious health conditions!

Overall Health Evaluation, easy to see the results and understand the current health state!

InBody uses a broad range of multi-frequency (1kHz ~ 1MHz) and its impedance readings for each segment are printed on the result sheet.



Specifications

Electrode Method	Tetrapolar 8-Point Tactile Electrode System
Measurement Sites	Right Arm, Left Arm, Trunk, Right Leg, Left Leg
Measurement Method	Direct Segmental Measurement System
Measurement Items	Resistance (R) 1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1000kHz(1MHz) Reactance (Xc) 5kHz, 50kHz, 250kHz Phase Angle (φ) 5kHz, 50kHz, 250kHz
Body Composition Calculation Method	No Empirical Estimation
Outputs	Visceral Fat Area(VFA, cm ²) Fat Mass(FAT, kg) Intracellular Water(ICW, l) Extracellular Water(ECW, l) Total Body Water(TBW, l) Edema Segmental Edema Segmental Lean Distribution(kg) Skeletal Muscle Mass(kg)
Applied Rating Current	100μA(1kHz), 500μA(others)
Power Consumption	60VA
Power Source	100-240V, 50/60Hz
Display Type	640 × 480 Color TFT LCD
External Interface	RS-232C 3EA, USB(Ver. 1.1) 2EA, Ethernet(10/100 Base-T) 1EA
Printer Interface	IEEE1284 (25pin parallel, with PCL 3 or above), USB
Compatible Printer	Laser/Inkjet Printer (the printers recommended by Biospace)
Dimensions	520.0(W) × 870.0(L) × 1200.0(H) : mm
Machine Weight	45kg
Measurement Duration	Less than 2 minutes
Operation Environment	10 ~ 40°C(50 ~ 104°F), 30 ~ 80% RH
Storage Environment	0 ~ 40°C(32 ~ 104°F), 30 ~ 80% RH
Optimum Pressure	500 ~ 1060hPa
Weight Range	10 ~ 250kg(22 ~ 551lbs)
Age Range	6 ~ 99years
Height Range	110 ~ 220cm(43.3 ~ 86.6in)

※ The aforementioned information is subject to change without prior notice.



Certifications and patents obtained by Biospace



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