InBody Partner's Week

InBody

Product Differences

InBody Line

InBody770

InBodyS10

InBody570

InBody370S

InBody270

InBody120

The Key is 'Frequencies'

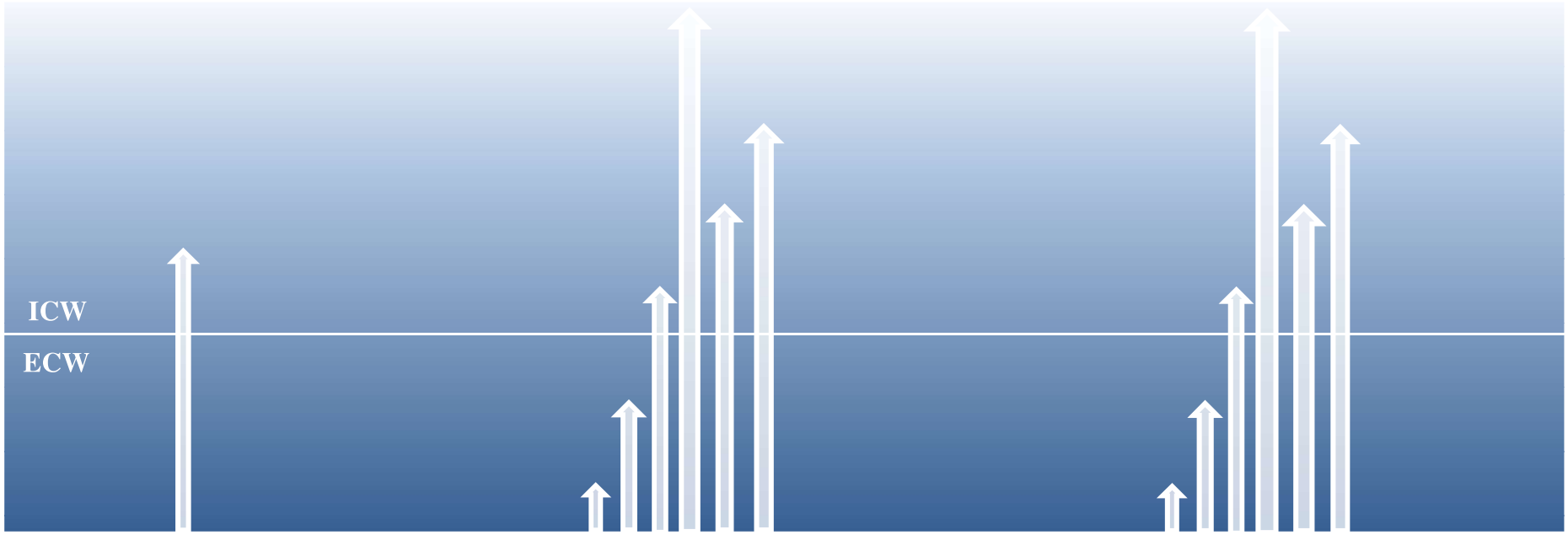
Comparison Chart per specifications

		InBody770	InBodyS10	InBody570	InBody370S	InBody270	InBody120
Bioelectrical Impedance Analysis (BIA)	**Impedance (Z)**	**30** Impedance measurements		15 Impedance measurements		10 Impedance measurements	
	Reactance (Xc)	15 reactance (Xc) measurement		X	X	X	X
	Frequencies	1, 5, 50, 250, 500, 1000kHz		5, 50, 500kHz	5,50,250kHz	20, 100kHz	20, 100kHz
		6 Frequencies		3 Frequencies		2 Frequencies	
Measurement Parts		Each 5 segment of the body (Right Arm, Left Arm, Trunk, Right Leg, Left Leg)					
Electrode Method		Tetrapolar 8-Point Tactile Electrode System					
Measurement Method		**SMF-BIA** (Simultaneous Multi-frequency Impedance Measurement) **& DSM-BIA**	**DSM-BIA** (Direct Segmental Multi-frequency Bioelectrical Impedance Analysis Method)		**SMF-BIA & DSM-BIA**	**SMF-BIA & DSM-BIA**	**DSM-BIA**
Body Composition Calculation Method		**No Use of Empirical Estimation**					

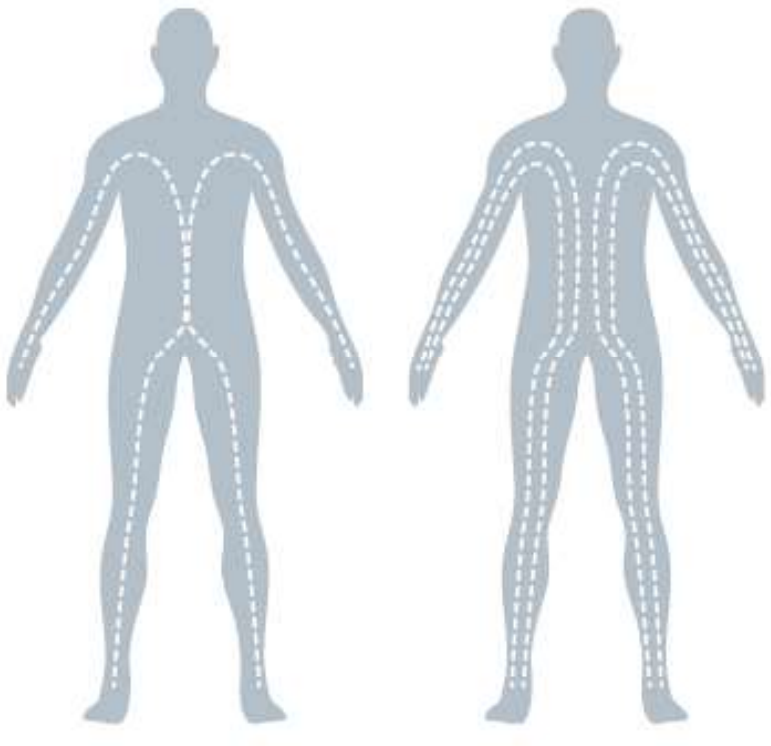
Use of Multi Frequency

Frequency is the number of occurrences of a repeating event per unit time.

1kHz = 1,000 cycle per sec.



Capture the single moment of your body via SMF-BIA

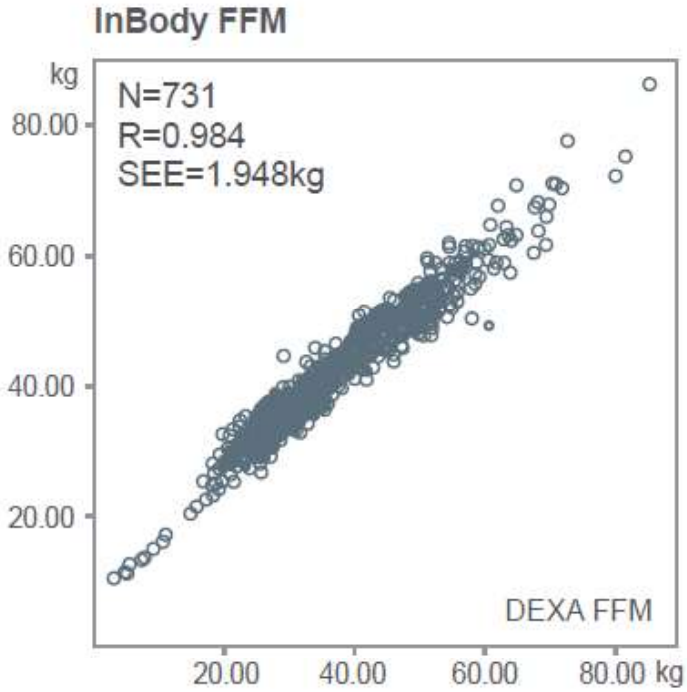


SMF-BIA (Patent registration number: US 8271079);

Simultaneous Multi-Frequency Bioelectrical Impedance Analysis

The shift of body composition and the change in water distribution of the body causes inaccurate measurements when the body composition was analyzed by former technology. InBody with its exclusive technology overcomes this limitation by flowing the multi-frequencies instantly at the same time. The innovative technology called SMF-BIA which guarantees high accuracy of measurement is proudly introduced by the InBody770 with its new generation.

The most accurate BIA device proven by research data



Accuracy matters the most

InBody770, go beyond InBody and other BIA devices

* 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

Comparison Chart per features

		InBody770	InBodyS10	InBody570	InBody370S	InBody270	InBody120
Logo Display		Name of User's Place, Address, Contact Information (Direct Input, Via LB120)					Via LB120 Only
Measurement Duration		60 sec	110 sec	50 sec	15sec	15sec	17sec
Type of Result Sheet	**Body Composition results sheet for Adult**	○	○	○	○	○	○ (Via LB120 Only)
	Body Composition results sheet for Children	○	-	○	○	○	-
	Body Water results sheet	○	○	-	-	-	-
	Thermal results sheet	-	○	-	○	○	○
Data Storage		If the member ID is utilized , it can be saved.					Via LB120 Only
		100,000 Results					
Weight Range		10~270kg	10~250kg				
Height Range		95~220cm					
Age Range		3~99years					

Comparison Chart per features

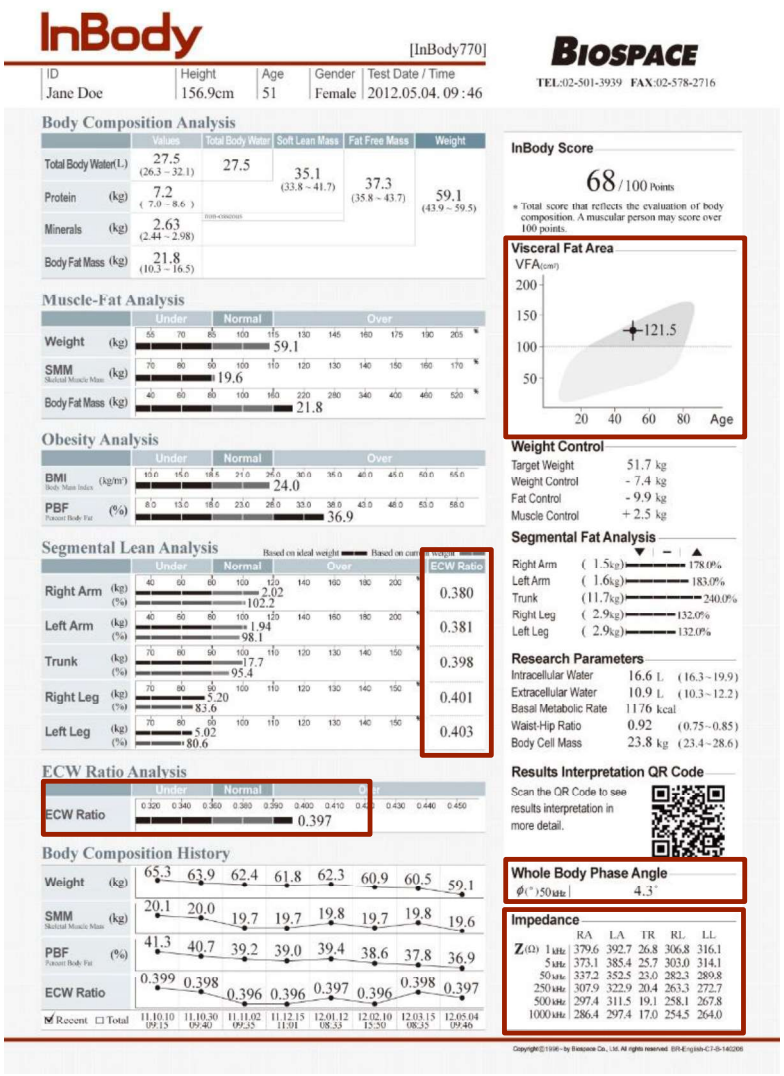
	InBody770	InBodyS10	InBody570	InBody370S	InBody270	InBody120
LB120 Software	○	○	○	○	○	○
Blood Pressure Monitor	○	○	○	○	○	-
BSM Stadiometer BSM170, BSM370	○	BSM370 Only	○	○	○	-
WIFI/Bluetooth	○	-	○	○	○	Bluetooth Only
Posture	Standing	Lying (recommended), Sitting, Standing	Standing			
Electrode Type	Touch Type	Touch Type, Adhesive Type	Touch Type			
Internal Interface	Touch LCD, Keypad					Keypad
External Interface	RS-232C 4EA, USB Host 2EA, USB Slave 1EA, LAN 1EA, Bluetooth 1EA, Wi-Fi 1EA	RS-232C 1EA, USB Slave 1EA, USB Host 1EA	RS-232C 4EA, USB Host 2EA, USB Slave 1EA, LAN 1EA, Bluetooth 1EA, Wi-Fi 1EA	RS-232C 4EA, USB Host 2EA, USB Slave 1EA, LAN 1EA, Bluetooth 1EA, Wi-Fi 1EA	RS-232C 1EA, USB Host 2EA, USB Slave 1EA, LAN 1EA, Bluetooth 1EA, Wi-Fi 1EA	RS-232C 1EA, Bluetooth 1EA
Voice Guidance	○	-	○	○	○	-
Optional Items	-	Thermal Printer, Bag, Moving Cart	-	Thermal Printer	Thermal Printer, Bag	Thermal Printer, Bag, Stand

Comparison Chart per results parameters

		InBody770	InBodyS10	InBody570	InBody370S	InBody270	InBody120 (Via LB120)
Body Composition Analysis	Total Body Water	○	○	○	○	○	○
	Intracellular Water	○	○	○	○	-	-
	Extracellular Water	○	○	○	○	-	-
	Proteins	○	○	○	○	○	○
	Minerals	○	○	○	○	○	○
	Fat Free Mass	○	○	○	○	○	-
Muscle-Fat Analysis	Skeletal Muscle Mass	○	○	○	○	○	○
	Body Fat Mass	○	○	○	○	○	○
Obesity Diagnosis	BMI	○	○	○	○	○	○
	PBF	○	○	○	○	○	○
	WHR	○	○	○	○	○	○
Segmental Analysis	Segmental Muscle (kg,%)	○	○	○	○	○	○
	Segmental Fat (kg,%)	○	-	○	○	○	○
	Segmental Water (L)	○	○				
Visceral Fat		○(Area&Level)	○(Area)	○(Level)	○(Level)	○(Level)	○(Level)
Edema	Segmental Edema	○	○	-	○	-	-
	Whole Body Edema (ECW Ratio)	○	○	○	○	-	-
	Body Cell Mass	○	○	○	-	-	-
Additional Data (Research Parameters)	Basal Metabolic Rate	○	○	○	○	○	○
	Bone Mineral Contents	○	○	○	○	-	-
	TBW/FFM	○	○	-	-	-	-
	AC/AMC	○	○	○	○	-	-
	Reactance Xc(Ω)	○	○	-	-	-	-
	Segmental Phase Angle	○	○	-	-	-	-
	SMI	○	○	○	○	○	○
Body Composition History		○	○	○	○	○	○

InBody770 vs InBody570

Right part of the results sheet can be both customized



Visceral Fat Area

vs

Visceral Fat Level

Segmental ECW Ratio

vs

Whole Body ECW Ratio

Phase angle & Reactance

vs

None

FFMI & FMI

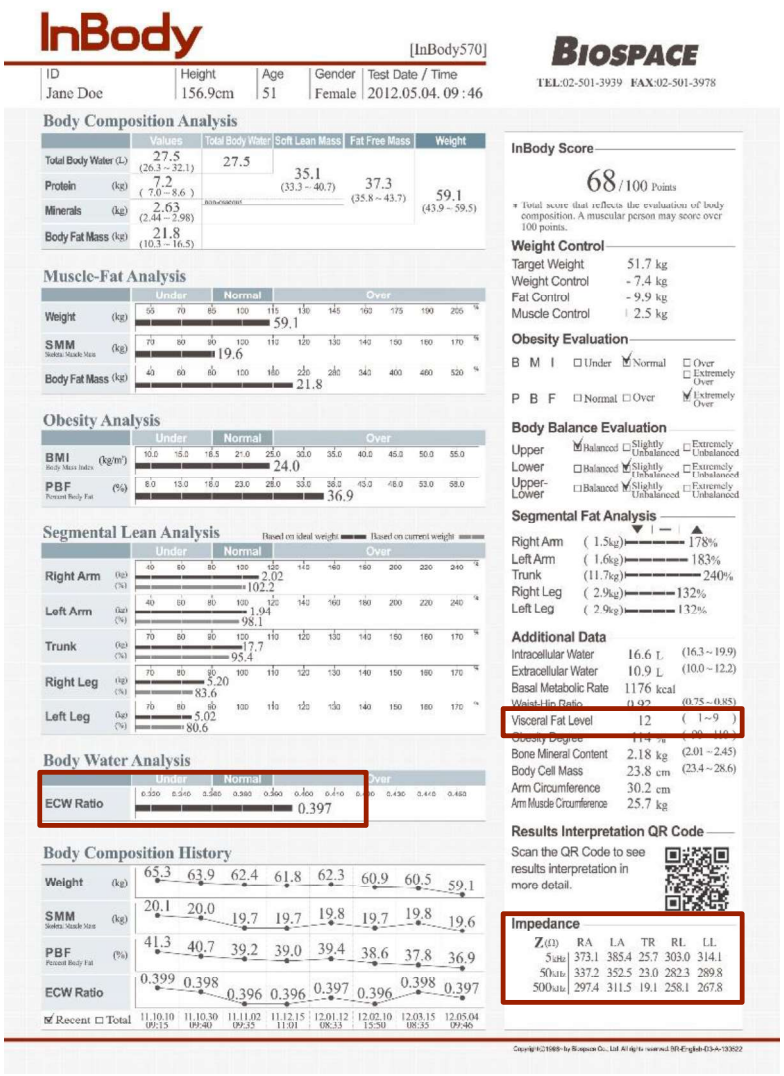
vs

None

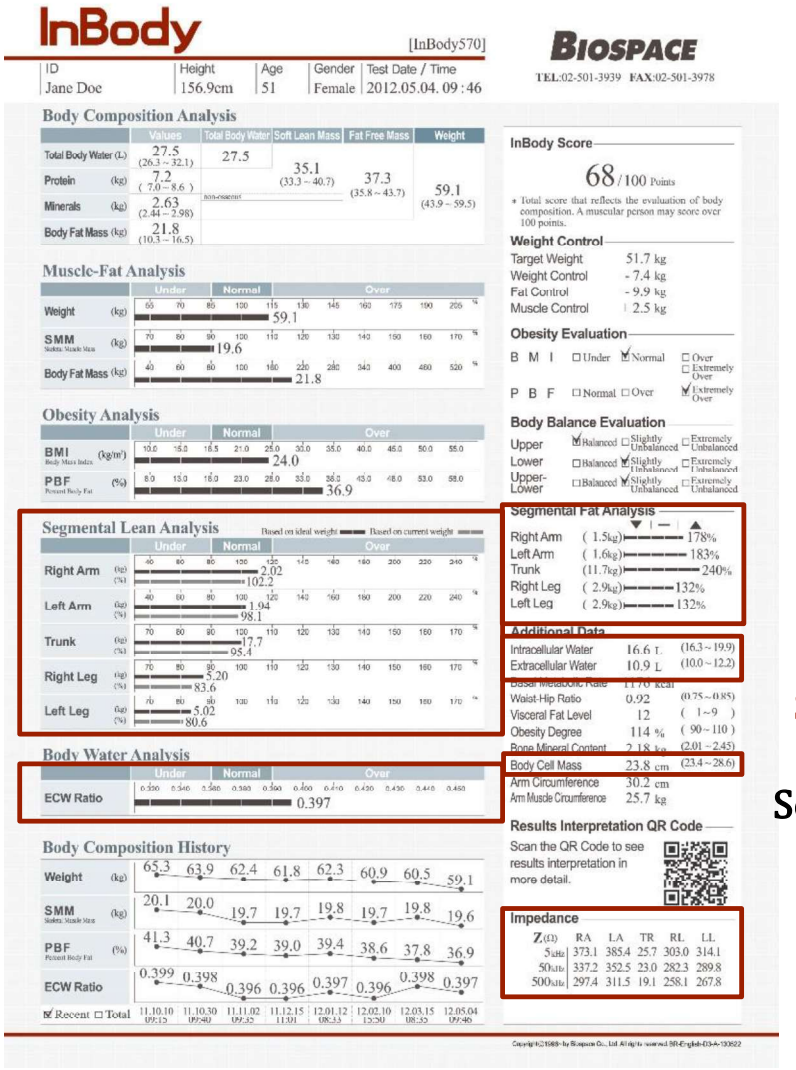
6 impedance up to 1mHz

vs

3 impedance up to 500kHz



InBody570 vs InBody370S



Intra & Extracellular Water

vs

None

Whole Body ECW Ratio

vs

None

Body Cell Mass

vs

None

Segmental Analysis (graph)

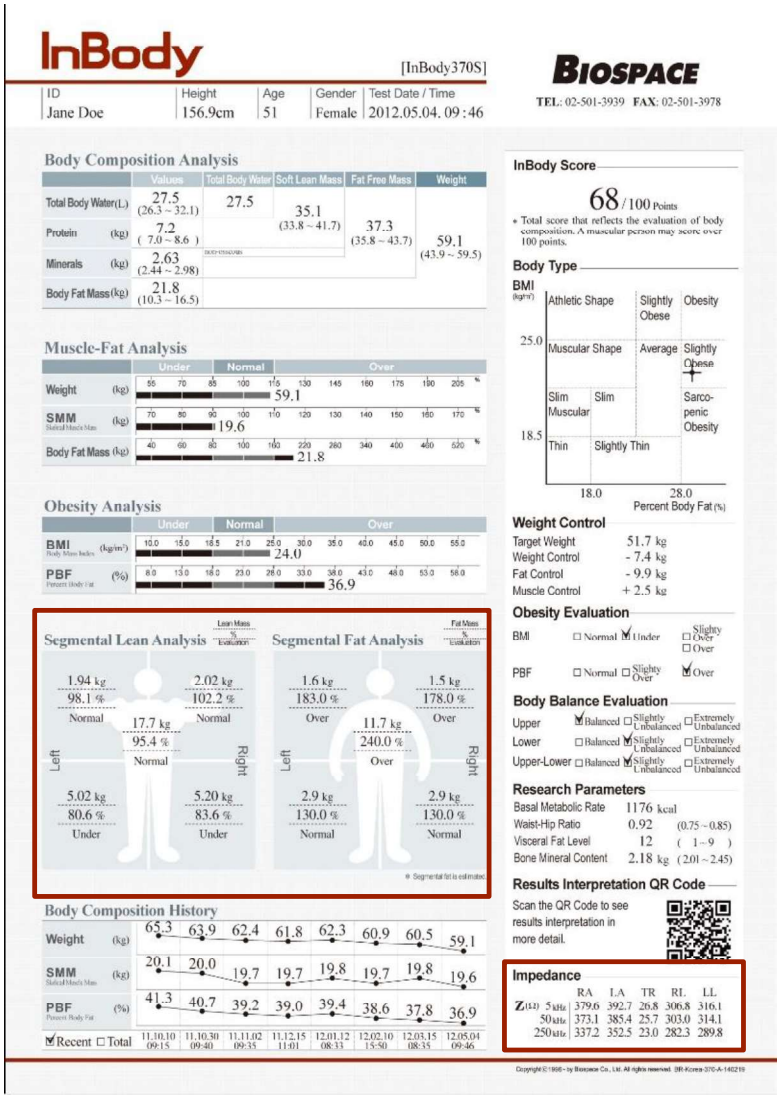
Vs

Segmental Analysis (diagram)

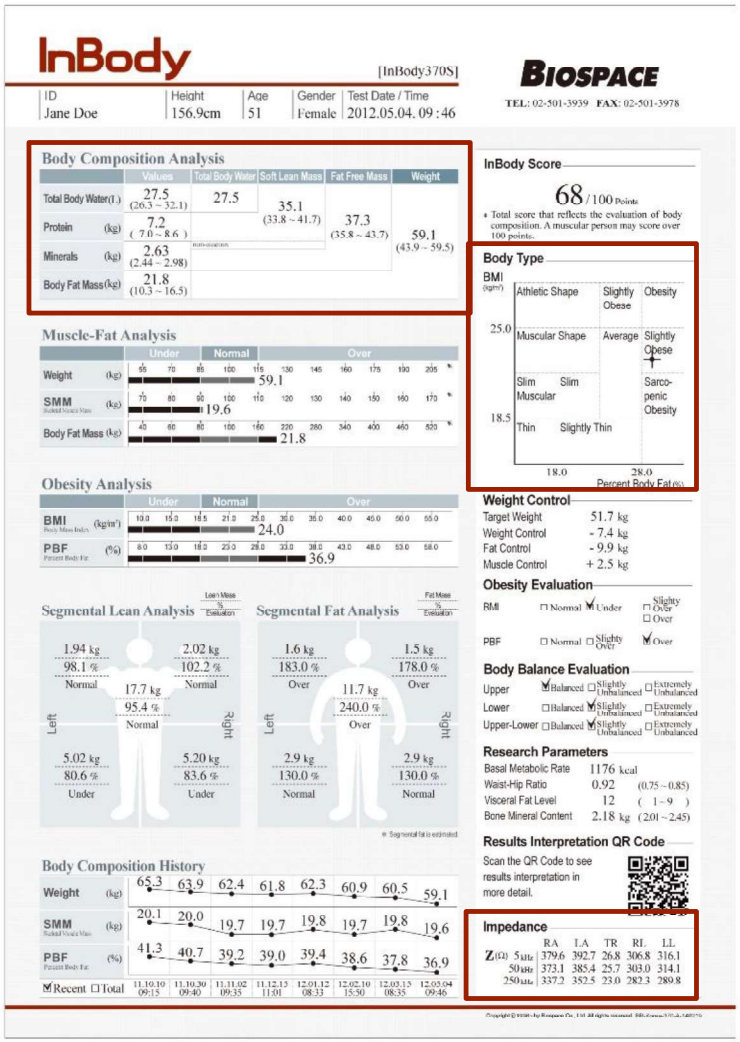
3 impedance up to 500kHz

vs

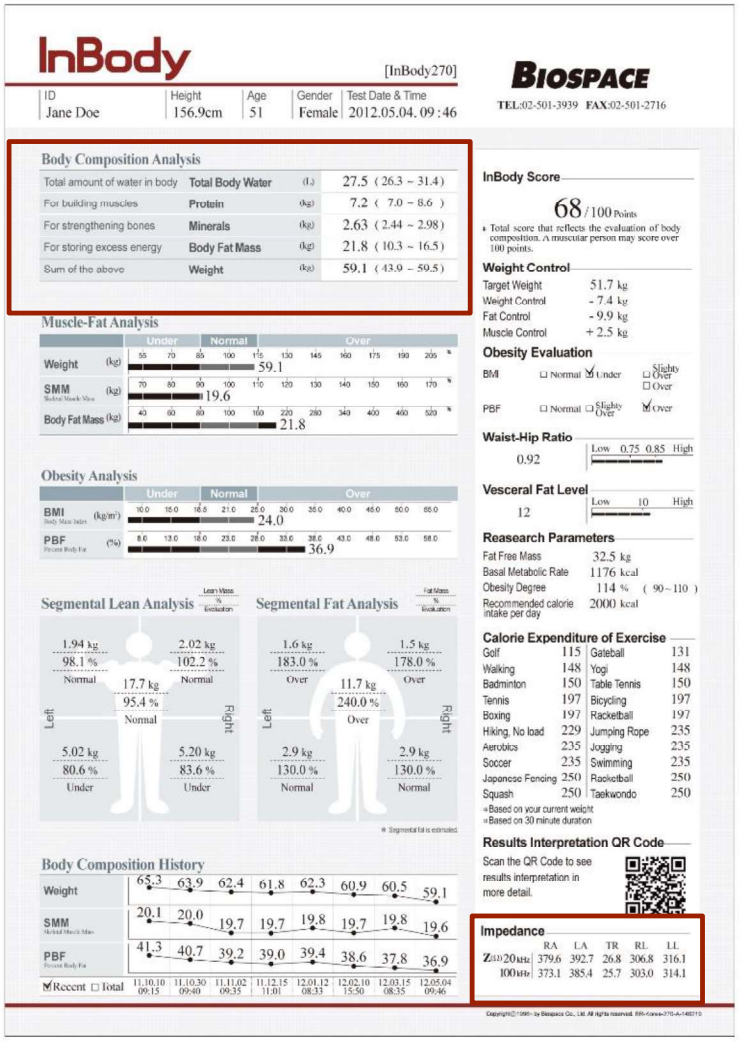
3 impedance up to 250kHz



InBody370S vs InBody270



Optional Parameter



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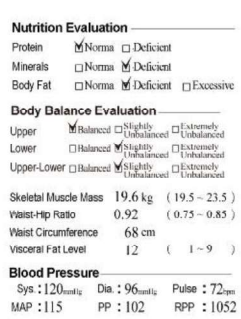


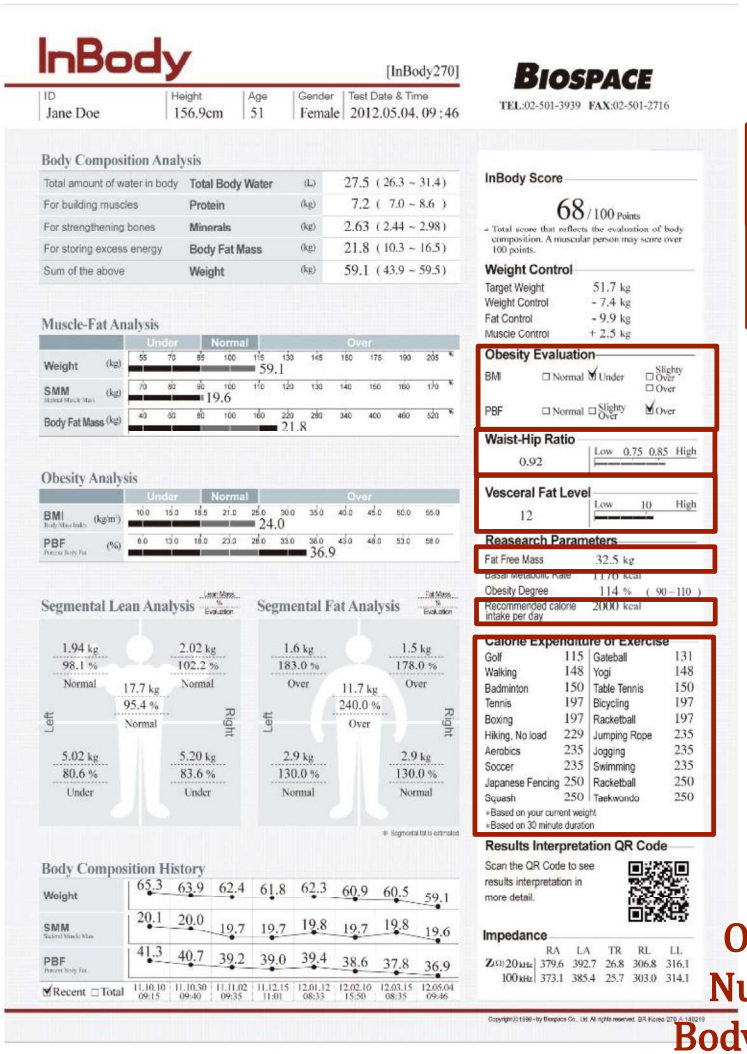
Body Composition Analysis (Table) vs Body Composition Analysis (List)

Body Type vs None

Segmental Circumference vs None

3 impedance up to 250kHz vs 2 impedance up to 100kHz

InBody270 vs InBody120(LB120)



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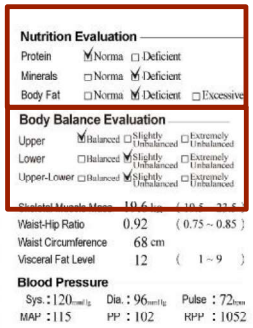

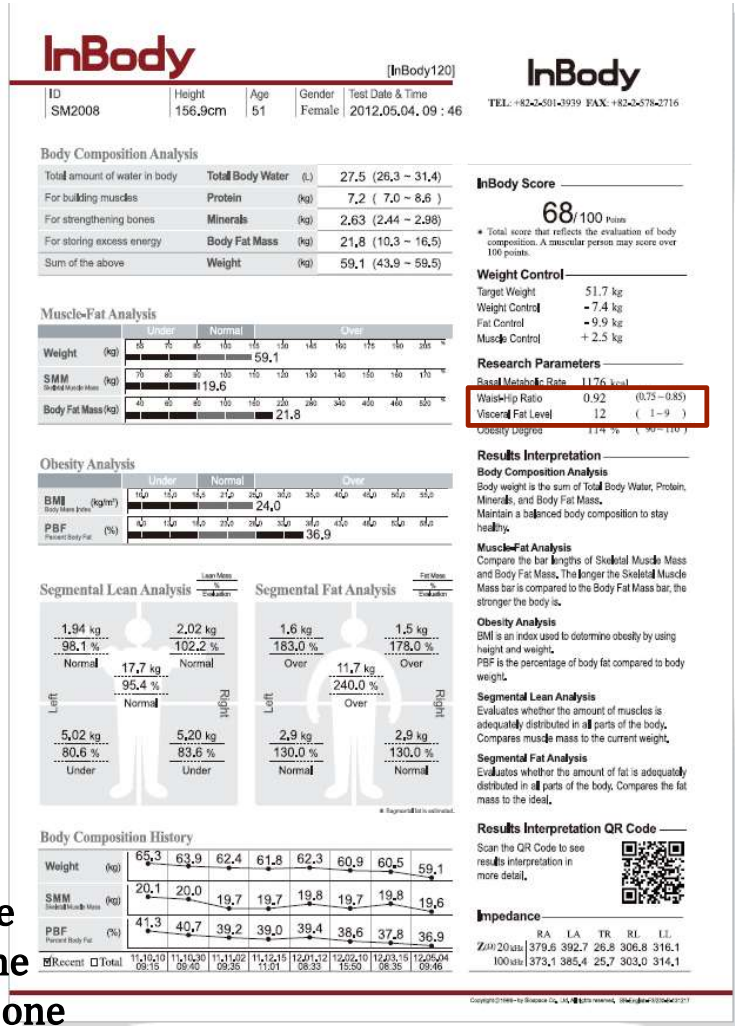

Obesity Evaluation vs None

Nutrition Evaluation vs None

Body Balance Evaluation vs None

Waist-Hip Ratio (Graph) vs Waist-Hip Ratio (Value)

Visceral Fat Level (Graph) vs Visceral Fat Level (Value)

Fat Free Mass vs None

Recommended Calorie Intake per day vs None

Caloire Expenditure of Exercise vs None

Trend & Tendency

I. Strengthened Default parameters

Body composition analysis, Muscle-Fat analysis, Obesity analysis, Segmental Lean & Fat analysis, Body composition history, InBody score, BMR, WHR, Visceral fat

II. Differentiation in Body water related parameters + Phase Angle

Intra & Extracellular water, Whole body & segmental ECW ratio, etc.

III. Equipped with User-friendly interface

Wi-Fi, Bluetooth, LAN, Voice guidance, Touch screen, DB expansion, Self mode, Auto-lock, Noise detector

Conclusion :

R&D Trend makes it more difficult to differentiate among products in terms of parameters only. Now all features including technical UI and optional accessories must be stressed together to maximize the value of each product and.....

How to differentiate?

Technology

Is All We Have

The Key is 'Frequencies'

The Key is 'Frequencies'

		RA	LA	TR	RL	LL
Z	1kHz:	371.8	373.2	28.9	241.7	242.5
	5kHz:	366.9	368.5	27.6	240.3	240.2
	50kHz:	324.6	328.4	24.9	210.0	210.2
	250kHz:	291.8	295.8	21.4	186.6	187.4
	500kHz:	280.6	284.2	19.2	180.6	181.4
	1MHz:	269.2	272.2	17.4	175.6	176.9
Xc	5kHz:	17.2	15.4	2.0	11.2	10.9
	50kHz:	31.7	31.2	3.4	22.9	22.6
	250kHz:	26.4	27.4	2.8	14.8	14.6

Multi Frequencies

Use of Higher Frequencies : 250kHz, 500kHz, 1,000kHz

Other BCA uses 1,000kHz – No Differences?

Don't forget our other technologies

Direct Segmental Measurement

8 Point Tactile Electrodes System

with the use of Thumb Electrodes