InBody®

Body Composition Analysers

InBody S10

Versatile application with
advanced technology

Specifically Designed For Immobile Or Amputee Patients

The InBody S10 is specifically designed for immobile or amputee patients. The device uses attachable electrodes to identify excess fluid and assess cellular health.

No Estimations

Only impedance is used to determine your body composition results. No statistical data or age and gender are used or required to measure your body composition.

Supine Testing

Measure fat, muscle, and water levels in less than 90 seconds. No dunking. No pinching. No discomfort. Simply attach the electrodes to the user to test.

Body Water Composition Graph

Identify the exact amount of excess fluid to remove from a patient going through treatments, like dialysis. The InBody S10 avoids patient discomfort that can be caused from unintentional hypohydration or hyperhydration.

Segmental ECW/TBW Ratios

A key feature of the InBody S10 is its ability to precisely report segmental ECW/TBW ratios. Excess body fluid can be precisely pinpointed before dialysis. The drops in the ECW/TBW ratios in the five cylindrical body regions can be observed after dialysis is completed. Caregivers can learn valuable information about how a patient is responding to dialysis and better prepare for future treatments.

Features

- Offers intracellular, extracellular water of each body part, total body water and ratio of ECW/TBW.
- The history function accumulates results for intracellular, extracellular and total body water for easy viewing.
- A collection of other body composition values are offered to check whether the change of body water resulted from any other changes in the body.

Outputs And Parameters

Body Composition

- Intracellular Water
- Extracellular Water
- Total Body Water Protein
- Mineral
- Body Fat
- Soft Lean Mass
- Fat Free Mass
- Weight
- Skeletal Muscle Mass
- Body Fat Mass
- Percent Body Fat
- BMI
- Segmental Lean Analysis
- Segmental Water Analysis
- Total and Segmental Water Ratio(ECW/TBW)
- BCM(Body Cell Mass)
- BMC(Bone Mineral Content)
- AC(Arm circumference)
- AMC(Arm Muscle Circumference)
- Waist Cir
- Visceral Fat Area
- Basal Metabolic Rate(BMR)
- TBW/FFM
- Body Water History(12times accumulated results)
- Impedance at Each Segment & Frequency(Impedance Reactance, Phase Angle)

Body Water I

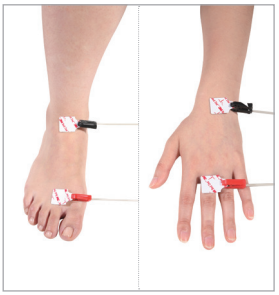
- Intracellular Water
- Extracellular Water
- Total Body Water Weight
- Segmental Water Analysis
- Total and Segmental Water Ratio(ECW/TBW)
- BMI(Body Mass Index)
- Percent Body Fat
- Basal Metabolic Rate(BMR)
- BCM(Body Cell Mass)
- BMC(Bone Mineral Content)
- Fat Free Mass
- AC(Arm circumference)
- AMC(Arm Muscle Circumference)
- TBW/FFM
- Body Water History(15times accumulated results)
- Impedance at Each Segment & Frequency(Impedance, Reactance, Phase Angle)

Body Water II

- Intracellular Water
- Extracellular Water
- Total Body Water Weight
- Segmental Water Analysis
- Total and Segmental Water Ratio(ECW/TBW)
- Skeletal Muscle Mass
- Body Fat Mass
- BMI
- Percent Body Fat
- Segmental Lean Analysis
- Soft Lean Mass
- Fat Free Mass
- Protein
- Mineral
- BCM(Body Cell Mass)
- BMC(Bone Mineral Content)
- AC(Arm circumference)
- AMC(Arm Muscle Circumference)
- Waist Cir.
- Visceral Fat Area
- Basal Metabolic Rate(BMR)
- TBW/FFM
- Body Water History(12times accumulated results)
- Impedance at Each Segment & Frequency(Impedance, Reactance, Phase Angle)

▶ Portable Bag

▶ Adhesive Type Electrode



▶ Touch Type Electrode

▶ Thermal Printer (option)

▶ Touch Screen

▶ Memory Stick

▶ Key Pad

Sample Result Sheet

InBody® S10
Body Composition Analysers

InBody®
Body Composition Analysers

I.D.
AGE 33

HEIGHT 179cm
GENDER Female

DATE 19.06.2017
TIME 11:17:17

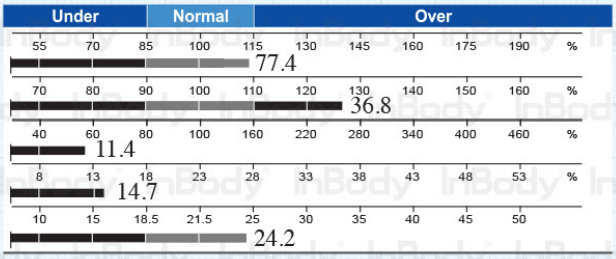
Body Composition Analysis

Element	Unit	Measured	Normal Range
Intracellular Water	ℓ	29.8	21.8 ~ 26.6
Extracellular Water	ℓ	18.3	13.3 ~ 16.3
Protein Mass	kg	12.9	9.4 ~ 11.4
Mineral Mass	kg	4.99	4.99 ~ 3.97
Body Fat Mass	kg	11.4	13.8 ~ 22.0

Values	Total Body Water	Soft Lean Mass	Fat Free Mass	Weight
29.8	48.1	61.8	66.0	77.4
18.3				
12.9				
4.99	non-osseous			
11.4	osseous : 4.22			

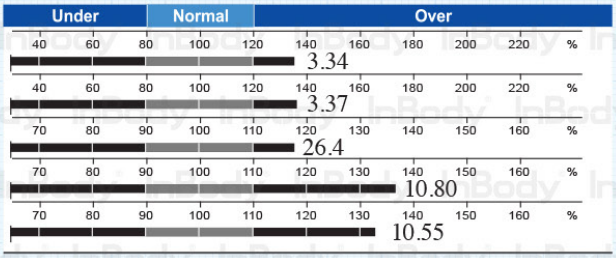
Muscle-Fat Analysis

Index	Unit	Measured	Normal Range
Weight	kg	77.4	58.6 ~ 79.2
Skeletal Muscle Mass	kg	36.8	26.5 ~ 32.5
Body Fat Mass	kg	11.4	13.8 ~ 22.0
Percent Body Fat	%	14.7	18.0 ~ 28.0
BMI	kg/m²	24.2	18.5 ~ 25.0



Segmental Lean Analysis

Segment	Unit	Measured	Normal Range
Right Arm	kg	3.34	2.01 ~ 3.01
Left Arm	kg	3.37	2.01 ~ 3.01
Trunk	kg	26.4	20.6 ~ 25.2
Right Leg	kg	10.8	7.16 ~ 8.76
Left Leg	kg	10.55	7.16 ~8.76



Research Items

Segmental Water Analysis

	Measured	Normal Range
Right Arm	2.60 ℓ	1.58 ~ 2.36
Left Arm	2.60 ℓ	1.58 ~ 2.36
Trunk	20.6 ℓ	16.1 ~ 2.36
Right Leg	8.42 ℓ	5.62 ~ 6.86
Left Leg	8.22 ℓ	5.62 ~ 6.86

ECW/TBW

	Measured	Normal Range
Total	0.382	0.36 ~ 0.39
Right Arm	0.376	0.36 ~ 0.39
Left Arm	0.377	0.36 ~ 0.39
Trunk	0.382	0.36 ~ 0.39
Right Leg	0.383	0.36 ~ 0.39
Left Leg	0.384	0.36 ~ 0.39

Nutrition Index

	Measured	Normal Range
BCM	42.6 kg	31.1 ~ 38.1
BMC	4.22 kg	2.67 ~ 3.27
AC	30.5 cm	-
AMC	25.9 cm	-
Waist Cir.	76.5 cm	Under 80.0
VFA	47.6 cm²	Under 100.0
BMR	1796 kcal	-
TBW/FFM	72.9 %	-
SMI	8.8 kg/m²	-

Body Water History

No	DATE	TIME	WEIGHT	ICW	ECW	TBW	ECW/TBW	TBW/FFM
1.	17/06/19	11:17	77.4	29.8	18.3	48.1	0.382	72.9

Impedance

[Touch Type, Lying Posture, After Dialysis]

		RA	LA	TR	RL	LL
Z(Ω)	1 kHz	350.8	345.0	21.4	223.9	233.4
	5 kHz	343.1	338.5	20.4	219.9	228.9
	50 kHz	306.1	303.0	17.5	193.3	200.5
	250 kHz	275.3	271.4	14.5	170.8	176.7
	500 kHz	261.7	258.7	13.4	164.8	170.3
	1MHz	244.4	242.2	12.6	158.6	163.5
Xc(Ω)	5 kHz	13.8	13.6	1.2	8.8	9.6
	50 kHz	30.9	30.1	2.8	21.2	22.3
	250 kHz	31.6	30.3	3.1	13.4	13.6

Whole Body Phase Angle(Ø)

5.6°

50 kHz	5.8	5.7	9.1	6.3	6.4

S10DM-D2-0120/S10AB-A101/S10AS-A105

Sample Body Water I - Result Sheet

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Body Composition Analysers

I.D.
AGE 33

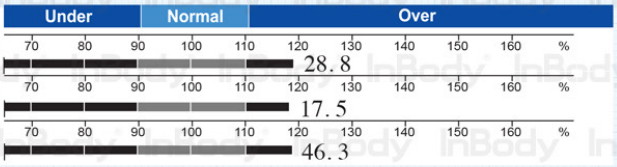
HEIGHT 179cm
GENDER Female

DATE 19.06.2017
TIME 11:17:17

Body Water

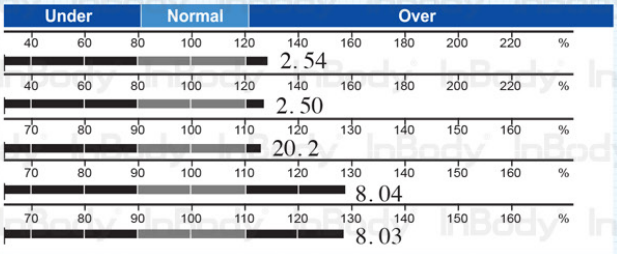
Body Water Analysis

Element	Unit	Measured	Normal Range
Intracellular Water	ℓ	28.8	21.8 ~26.6
Extracellular Water	ℓ	17.5	13.3 ~16.3
Total Body Water	ℓ	46.3	35.1 ~ 42.9



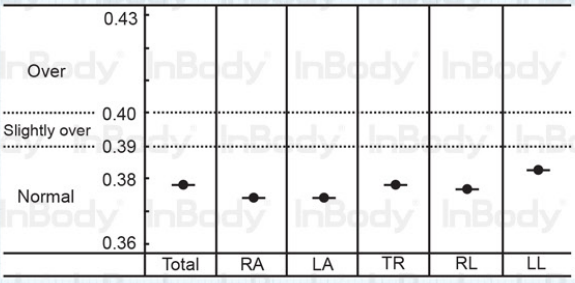
Segmental Water Analysis

Segment	Unit	Measured	Normal Range
Right Arm	ℓ	2.54	1.58 ~2.36
Left Arm	ℓ	2.50	1.58 ~2.36
Trunk	ℓ	20.2	16.1 ~19.7
Right Leg	ℓ	8.04	5.62 ~6.86
Left Leg	ℓ	8.03	5.62 ~6.86



ECW/TBW

Segment	Unit	Measured	Normal Range
Total	–	0.378	0.36 ~0.39
Right Arm	–	0.374	0.36 ~0.39
Left Arm	–	0.376	0.36 ~0.39
Trunk	–	0.378	0.36 ~0.39
Right Leg	–	0.376	0.36 ~0.39
Left Leg	–	0.382	0.36 ~0.39



Research Items

Muscle-Fat Analysis

	Measured	Normal Range
Weight	77.0 kg	58.6~79.2
Skeletal Muscle	35.5 kg	26.5~32.5
Body Fat Mass	13.6 kg	13.8~22.0
BMI	24.0 kg/m²	18.5~25.0
Percent Body Fat	17.7 %	18.0~28.0

	Measured	Normal Range
Soft Lean Mass	59.5 kg	45.1~55.1
Fat Free Mass	63.4 kg	47.7~58.3

Segmental Lean Analysis

	Measured	Normal Range
Right Arm	3.26 kg	2.01~3.01
Left Arm	3.22 kg	2.01~3.01
Trunk	26.0 kg	20.6~25.2
Right Leg	10.34 kg	7.16~8.76
Left Leg	10.31 kg	7.16~8.76

	Measured	Normal Range
Protein	12.4 kg	9.4~11.4
Mineral	4.67 kg	3.25~3.97

Nutrition Index

	Measured	Normal Range
BCM	41.2 kg	31.1 ~ 38.1
BMC	3.94 kg	2.67 ~ 3.27
AC	30.8 cm	-
AMC	25.7 cm	-
Waist Cir.	79.9 cm	Under 80.0
VFA	55.6 cm²	Under 100.0
BMR	1740 kcal	-
TBW/FFM	73.0 %	-
SMI	8.5 kg/m²	-

Body Water History

No	DATE	TIME	WEIGHT	ICW	ECW	TBW	ECW/TBW	TBW/FFM
1.	17/08/10	10:10	77.0	28.8	17.5	46.3	0.378	73.0

Impedance

[Touch Type, Standing Posture]

Z(Ω)	RA	LA	TR	RL	LL
1 kHz	350.9	359.9	22.5	231.6	225.5
5 kHz	346.2	353.6	21.7	227.2	222.0
50 kHz	310.4	316.7	18.3	199.8	196.8
250 kHz	277.9	284.9	15.2	176.6	175.2
500 kHz	264.7	270.3	14.0	170.6	169.3
1MHz	246.6	252.1	12.4	164.5	162.4
Xc(Ω) 5 kHz	12.7	13.6	1.4	9.1	8.1
50 kHz	29.7	30.9	3.1	21.6	19.9
250 kHz	31.9	33.2	3.4	13.2	13.1

Whole Body Phase Angle(Ø)

5.9°

50 kHz	5.5	5.6	9.7	6.2	5.8

S10DM-D2-0120/S10AB-A101/S10AS-A105

InBody S10

Device Package

Package Inclusions

InBody S10 Device

Battery

Kyocera Printer

Portable Bag + Cart

Adhesive type electrode

Touch type electrode

Consumables

500 x Result Sheets

500 x InBody Tissues

Training

InBody Operator Course.

InBody S10 Package ..... $25,700 + GST

+ Shipping & handling

Product Specifications

Frequencies	1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1000kHz
Testing Time	1min. 50sec
Age Range	3-99 years
Height Range	95 - 220 cm
Weight Range	10 - 250 kg
Product Weight	2kg
Database	100,000 results
Dimensions	202 (W) × 322 (L) × 53 (H) mm
Warranty	1 Year Manufacturer's Warranty
Printer	Compatible printer included
Type of result sheet	Basic: Body composition results sheet (Printed Paper/Blank Paper) Body water results sheet (I,II) (Blank Paper)
Setting of Dialysis Mode	Measurement time(before/during/after dialysis), access position, paralyzed position set available
Measurements	**Bioelectrical Impedance (Z)** - 30 impedance measurements by using 6 different frequencies (1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1000kHz) at each 5 segments of the body (right arm, left arm, trunk, right leg, left leg) **Reactance (Xc)** - 15 reactance(Xc), phase angle(θ) measurements by using 3 different frequencies (5kHz, 50kHz, 250kHz) at each **Phase Angle(θ)** - 5 segments of the body(right arm, left arm, trunk, right leg, left leg)
Measurement Method	Direct segmental multi-frequency bioelectrical impedance analysis method, DSM-BIA method

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InBody is a total healthcare device manufacturer that has acquired over 80 patent rights across the globe.

CE 0120 · ISO13485 · ISO9001 · U.S. patent U.S. 5720296 · Canada patent C.N. 2225184 · Japan patent · Korea Food & Drug Administration · NAWI