IBM
Business Partner

Accurate, Cost effective, High Quality and User Friendly !

Approved By FDA

Ubiquitous Total Healthcare System

Latest Technology

Body Composition Analyzer

SM-N40

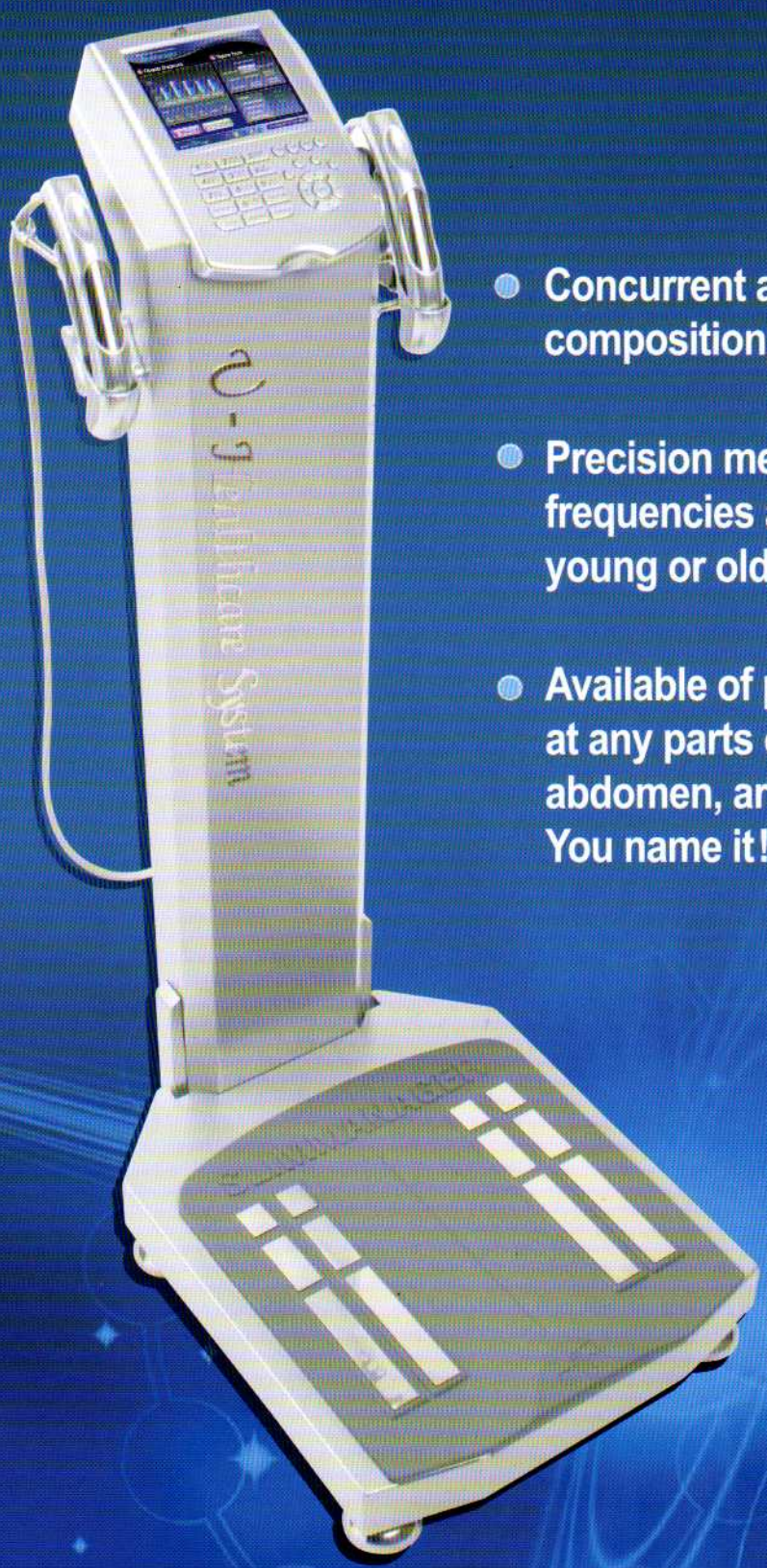
aiia
an innovative internet area

AIIA COMMUNICATION INC.

Body Composition Analyzer

World-Top U-Healthcare System

SM-N40

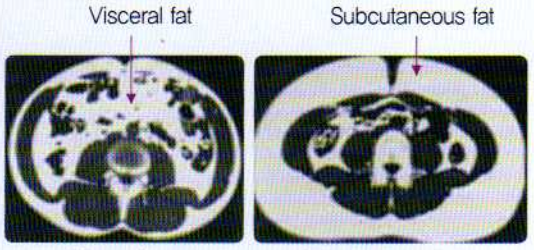


- Concurrent analysis of whole body composition, Visceral Fat Area and Edema!
- Precision measurement with multiple frequencies available every one, young or old, male or female!
- Available of precision measurements at any parts of the body, abdomen, arms or legs. You name it!

Latest Technology

03. Available of precision measurements at any parts of the body, abdomen, arms or legs. You name it!

Segmental measurement and the result's screen



Precision measurement for abdominal fat type

● ● ● The first and only system in the world for measuring obesity of whole body as well as local segments such as abdomen, arm and leg for efficient segmental obesity control.

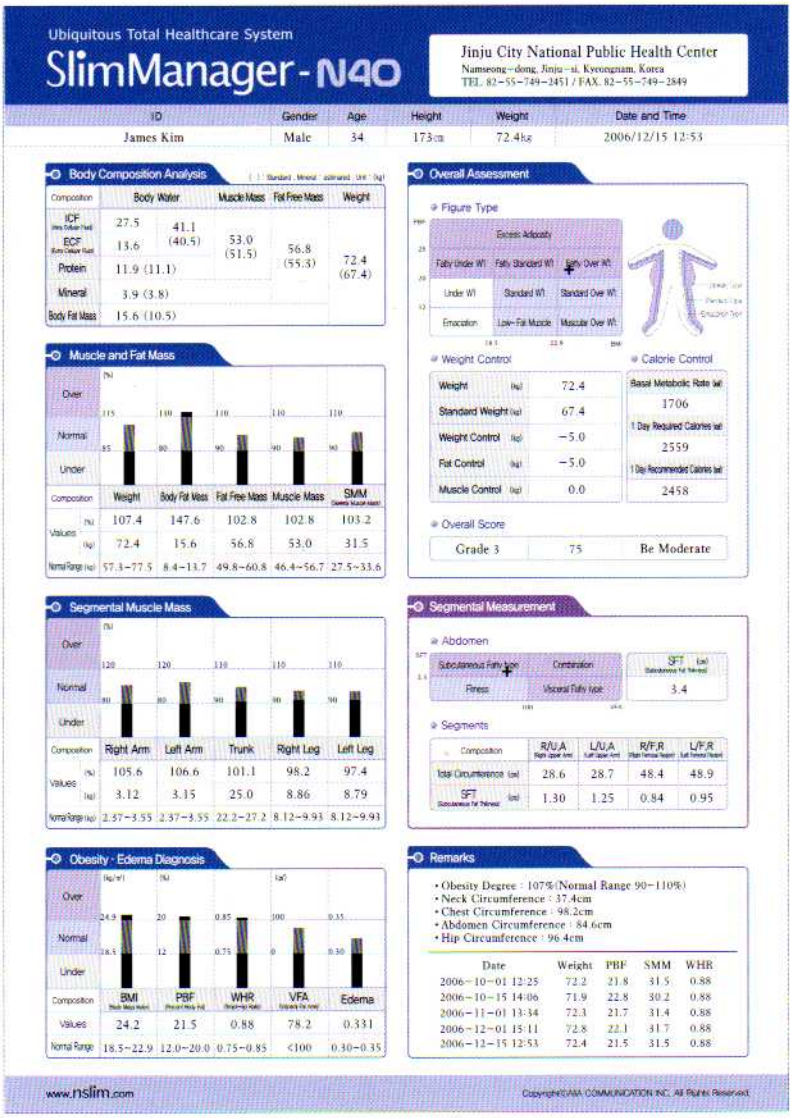
❖ Abdominal measurement

: The system is capable of indicating figures of Waist Hip Ratio (WHR) and Visceral Fat Area(VFA) with body composition analysis. In addition, abdominal measurement provides abdominal subcutaneous fat thickness to show concerned type of abdomen fat type (visceral fat, complicated fat or subcutaneous fat).

❖ Precision local segment measurement

: The system is the first and the sole in the world capable of measuring local segments including circumference (cm)/thickness of the abdomen, right upper arm, left upper arm and the right thigh, left thigh and muscle circumferene(cm)/thickness of the same in greater precision,which provides positive motivation for treatment of segmental obesity. Please note that it is critical to define a reference point at a same point for re-measurement.

Result Sheet



Ubiquitous Total Healthcare System

SlimManager-N40

Jinju City National Public Health Center
Namseong-dong, Jinju-si, Kyeongnam, Korea
TEL. 82-55-749-2451 / FAX. 82-55-749-2849

ID	Gender	Age	Height	Weight	Date and Time
James Kim	Male	34	173㎝	72.4㎏	2006/12/15 12:53

Body Composition Analysis

Composition	Body Water		Muscle Mass	Fat Free Mass	Weight
ICF	27.5	41.1 (40.5)	53.0 (51.5)	56.8 (55.3)	72.4 (67.4)
ECF	13.6				
Protein	11.9 (11.1)				
Mineral	3.9 (3.8)				
Body Fat Mass	15.6 (10.5)				

Overall Assessment

Figure Type

Fatty Under Wt	Fatty Standard Wt	Fatty Over Wt
Under Wt	Standard Wt	Standard Over Wt
Emaciation	Low-Fat Muscle	Muscular Over Wt

Weight Control

Weight	(㎏)	72.4
Standard Weight	(㎏)	67.4
Weight Control	(㎏)	−5.0
Fat Control	(㎏)	−5.0
Muscle Control	(㎏)	0.0

Calorie Control

Basal Metabolic Rate (㎉)	1706
1 Day Required Calories (㎉)	2559
1 Day Recommended Calories (㎉)	2458

Overall Score

Grade 3	75	Be Moderate

Muscle and Fat Mass

Composition	Weight	Body Fat Mass	Fat Free Mass	Muscle Mass	SMM
Values (%)	107.4	147.6	102.8	102.8	103.2
Values (㎏)	72.4	15.6	56.8	53.0	31.5
Normal Range (㎏)	57.3~77.5	8.4~13.7	49.8~60.8	46.4~56.7	27.5~33.6

Segmental Muscle Mass

Composition	Right Arm	Left Arm	Trunk	Right Leg	Left Leg
Values (%)	105.6	106.6	101.1	98.2	97.4
Values (㎏)	3.12	3.15	25.0	8.86	8.79
Normal Range (㎏)	2.57~3.55	2.57~3.55	22.2~27.2	8.12~9.93	8.12~9.93

Segmental Measurement

Abdomen

Subcutaneous Fatty type	Combination
Fitness	Visceral Fatty type

SFT (㎝): 3.4

Segments

Composition	R/U.A	L/U.A	R/F.R	L/F.R
Total Circumference (㎝)	28.6	28.7	48.4	48.9
SFT (㎝)	1.30	1.25	0.84	0.95

Obesity · Edema Diagnosis

Composition	BMI	PBF	WHR	VFA	Edema
Values	24.2	21.5	0.88	78.2	0.331
Normal Range	18.5~22.9	12.0~20.0	0.75~0.85	<100	0.30~0.35

Remarks

- Obesity Degree : 107%(Normal Range 90~110%)
- Neck Circumference : 37.4cm
- Chest Circumference : 98.2cm
- Abdomen Circumference : 84.6cm
- Hip Circumference : 96.4cm

Date	Weight	PBF	SMM	WHR
2006-10-01 12:25	72.2	21.8	31.5	0.88
2006-10-15 14:06	71.9	22.8	30.2	0.88
2006-11-01 13:34	72.3	21.7	31.4	0.88
2006-12-01 15:11	72.8	22.1	31.7	0.88
2006-12-15 12:53	72.4	21.5	31.5	0.88

www.nslim.com

Copyright©ARA COMMUNICATION INC. All Rights Reserved.

Measurement outputs may be different in the U.S.

(Reduced to 45% of the full size)

Building own website and linking with the website of concerned institutes

SlimManager-N40
Measuring Body Composition

Offline Data Search

Log onto www.nslim.com

▶ Online Data Retrieval and Analysis
▶ Obesity Counseling (Q&A)

Remote Diagnosis and Prescription
(diet/exercise/lifestyle)

www.bensains.com

Body Composition Analyzer

Model	N40
Size	500 × 760 × 1,265 (W × D × H)
Weight	38.6kg
Power Supply	AC 100–120v~, 50/60Hz, AC 200–240V~, 50/60Hz
Impedance Measurement Range	Overall Measurement 40~1.2KΩ, Segmental Measurement 0~190Ω
Analysis Capacity	Whole body 1Ω, Segment 0.2Ω
Measuring Method	Tetrapolar 8-point tactile Impedance Method (BIA)
Measuring Frequency	500Hz, 50KHz, 500KHz
Applied Rating Current	Below 100μA
Measuring Time	Within 1 minute and 30 seconds
Measuring Scope	2~200kg
Power Consumption	70W
Display/Operation	LCD Monitor / Key Pad, Touch Screen
Operation Environment	10~40 ℃, Below 90% Humidity
Storage Environment	Temperature: 0~40c ℃, Below 90% Humidity

FDA CE SGS SGS UKAS QUALITY MANAGEMENT 005 INNOBIZ

aia an innovative internet area UHealthPIA IBM Business Partner SIS

Distributed By :