

NEW!



AVON CORPORATION LTD.  
Vision & Globe Trotting

# ioi 353 BODY COMPOSITION ANALYSER

The technology of our company is to make the professional body composition analyser with lightweight and best performance.



## VISUAL COMMUNICATING FOR HEALTH

Body Composition Analysis  
Assessment of Weight Control  
Abdominal Analysis

Body Type  
Segmental Assessment  
Control Guide  
Body Composition Change

 JAWON MEDICAL

## Environmental parameters

Setup function	Contents
ID usage	It is selected whether ID is used for subjects or not.
Weight offset	Compensating measured value of weight scale
Clothes	Compensating the weight of clothes worn
Print position	Adjusting print position to fit to the pre-formatted result sheet in the direction of up/down and left/right
Date/Time	Setting current date and time
Logo	Printing hospital name, address, contact information, and logo

## Specification

Model	ioi 353
Measuring method	BIA via tetra-polar electrode method using 8 touch electrodes
Frequency range	5, 50, 250 kHz
Measuring site	Whole body and Segmental measurement (right arm, right leg, left arm, left leg, and trunk)
Result item	Protein, Mineral, Total Body water, Mass of Body Fat, Soft Lean Mass, Lean Body Mass, weight, standard weight, B.M.I., Percent Body Fat, Age Matched of Body, Basal Metabolic Rate, Total Energy Expenditure, Body type, 5 body parts (right arm, right leg, left arm, left leg, and trunk) Soft Lean Mass/Mass of Body Fat assessment, Body Composition Change, Control guide (weight/Mass of Body Fat/Soft Lean Mass Control, Goal to control, Control/week, Duration of control, Diet prescription calorie, Exercise prescription calorie), Visceral Fat Area, Visceral Fat Level, Abdominal Circumference, W.H.R., Impedance, Blood pressure (when connected with blood pressure monitor of our company)
Current	Within 280 $\mu$ A
Power consumption	60VA
Power supply	Input: AC 100~230 V, 50/60 Hz, Output: DC 12 V, 5 A adapter
Display	7 inch wide color LCD
Input device	Key pad, PC remote control
Transmitting device	USB port, RS-232 port (Wireless)
Printing device	USB port, Thermal Printer(option)
Dimension	400 x 735 x 890mm (W x D x H, $\pm$ 10mm)
Weight	About 10kg (main unit)
Measuring range	100~950 $\Omega$
Measuring time	Within 1 minute
Input height	100~200cm
Measuring weight	10~250kg
Input age	5~89 years old
Operation ambient	Temperature 10~40°C, Humidity 30~75% (non-condensing)
Storage ambient	Temperature -20~60°C, Humidity Less than 95% (non-condensing)

\* For purposes of improvement, specifications and design are subject to change without notice.

DATE 08. 06. 08	Body Type	ITEM	RESULT	OPTIMAL RANGE	ITEM	RESULT	OPTIMAL RANGE	ITEM	RESULT	OPTIMAL RANGE
TIME 16 : 25 : 11										
GENDER Female	Thin fat	WEIGHT	69.0 kg	( 47.8 ~ 58.4)	PROTEIN	8.8 kg	( 7.4 ~ 8.5)	Level	13 step	( 1 ~ 8 step)
AGE 49 yrs	Over fat%	L . B . M .	43.8 kg	( 37.2 ~ 42.5)	T . B . W .	31.5 kg	( 26.7 ~ 30.6)	V . F . A .	110 cm <sup>2</sup>	( 40 ~ 80 )
HEIGHT 155.4 cm	Obese	M . B . F .	25.2 kg	( 10.6 ~ 15.9)	P . B . F .	36.5 %	( 20.0 ~ 30.0)	A . C .	92.0 cm	(Less than 88cm)
	Low weight	S . L . M .	40.3 kg	( 34.2 ~ 39.3)	B . M . I .	28.6 kg/m <sup>3</sup>	( 18.5 ~ 25.0)	W . H . R .	0.90	( 0.70 ~ 0.85 )
	Standard	MINERAL	3.5 kg	( 2.9 ~ 3.1)	FATNESS	+29.9 %	( -10.0 ~ +10.0)	STD.WT.	53.1 kg	
	Over weight muscular									
	Low fat lowweight									
	Low fat muscular									
	Athletic									

Mineral is conservative estimate.

Abdominal Analysis may be decreased in case of idiosyncrasy.

AC : Abdominal Circumference  
AC is an estimated value in case of measure the navel circumference.

You need to control 550 kcal from T.E.E. 1922 kcal.

By diet 220kcal  
By exercise 330kcal

Diet prescription calorie 1702kcal  
Exercise prescription calorie 330kcal

### Control Guide

Measured data	Control	Goal to control
Weight	+15.9 kg	+11.9 kg
Body Fat	+11.9 kg	0.5 kg
S.L.M.	+3.6 kg	24 week
B.M.I.	1248 kcal	1922 kcal
A.M.B.	53 yrs/Impedance	445 $\Omega$

control guide and calorie prescription are proposed value for your body type.  
Age Matched of Body is reference value.

### Segmental Assessment

	M.B.F.	S.L.M.	kg
Lt.Arm	1.83	2.58	
Rt.Arm	1.69	2.60	
Trunk	13.76	20.20	
Lt.Leg	4.10	7.45	
Rt.Leg	3.82	7.47	

Segmental Assessment is reference value.