

TANITA



Professional Products

The global leader in health monitoring

TANITA is a Japanese company that manufactures and distributes precision weighing and body composition equipment worldwide. Our products are widely used within the scientific research, healthcare, fitness industries and more recently experiencing rapid growth within the slimming, pharmacy and occupational health markets. TANITA is the only manufacturer producing precision weighing and body composition devices for both the professional and medical field as for home usage, and we have fully owned our factories to monitor top of the class productions.



**1 YEAR
GUARANTEE**

Compliance



Products with this symbol are in compliance with the requirements of the D 0/384/EEC for weighing with non-automatic devices in the medical sector and the Directive 93/42/EEC for medical devices.

TANITA has obtained the DIN EN ISO 9001 standard.



The scales with this symbol are validated to be accurate and legal for use within the medical sector according to EU regulations. It is compulsory to use a product with this compliance for use in all medical settings.



The scales with this symbol have been calibrated according to the precision class III in the Directive 2009/23/EC.



TANITA has obtained the ISO 13485 standard.

TANITA WORLD CLASS

Bioelectrical Impedance Analysis (BIA) Technology

BIA technology

Safe & mild electrical signal is sent from metal electrodes through your feet to your abdomen to record Bio-Electrical Impedance data to estimate the amount of body fat, muscle and other body composition data

In segmental models, four hand-held electrodes will provide extra readings for leg, arm and abdominal area

Electric current passes freely through water within muscle tissue, but meets resistance when contacting with body fat

The resistance (impedance) is input into TANITA equations to calculate the body composition measurements

Trusted by Professionals

Highest Accuracy

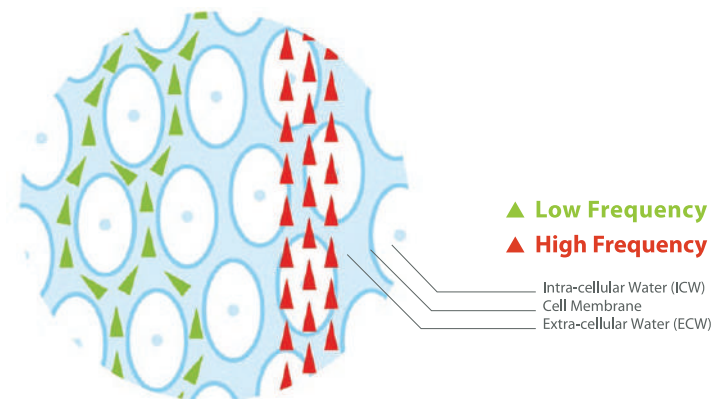
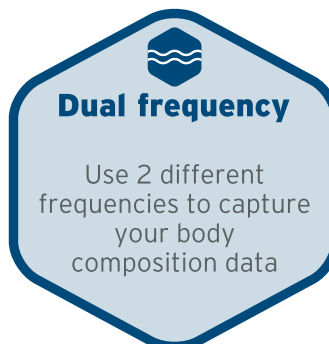
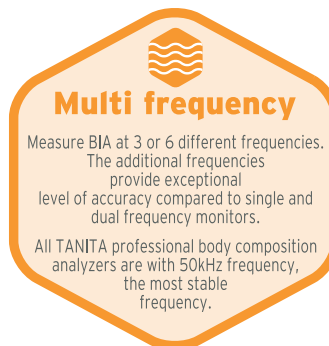
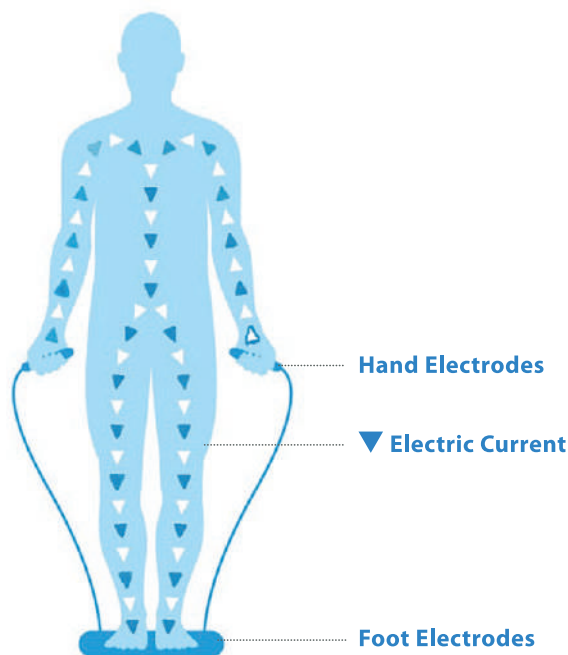
Accurately estimate an individual's body composition if a range of parameters included in algorithm, such as gender, age, weight and level of activities

Award-winning Product Quality

All TANITA medical products meet strict international quality standards and are independently quality-controlled

Pioneer Research Development

Continually invest in numerous research including childhood obesity and optimizing physical performance to enhance understanding of health issue



Lower Frequency : measure the impedance external to the cell membrane
Higher Frequency : penetrate into the cell membrane

By measuring impedance at both the lower and higher frequencies, it is possible to estimate extra-cellular water (ECW), intra-cellular water (ICW) and Total Body Water (TBW).

TANITA ALGORITHM

New World of 4C Measurement

TANITA BIA technology was first introduced in 1992. Since then we have strived to establish the most accurate technology through dedicated research and development.

The TANITA algorithm which includes various personal parameters, such as AGE, GENDER, ETHNICITY, are important elements to enable a more accurate, reliable and consistent body composition measurement. This has been repeatedly shown in independent scientific publications from researchers and clinicians worldwide.

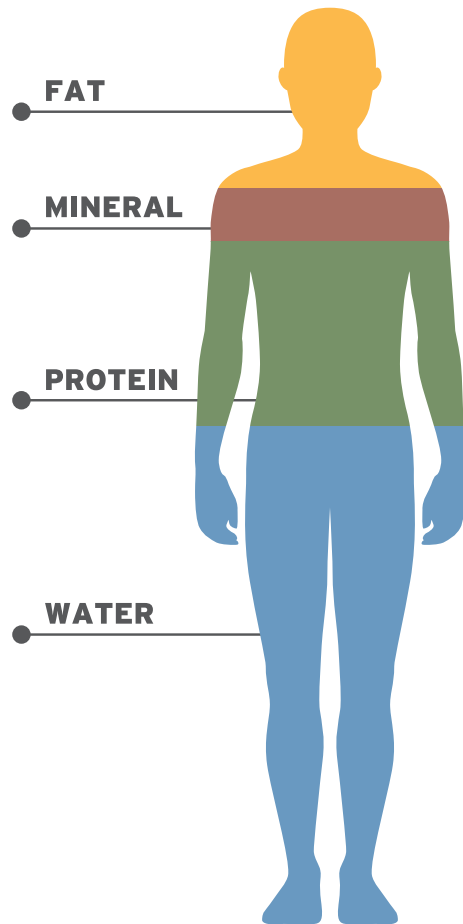
In addition, TANITA has developed specific algorithm for adults with a higher level of physical activity –athlete mode. This feature allows higher accuracy when assessing individual's muscle mass.

Validation
papers are
available on
request.

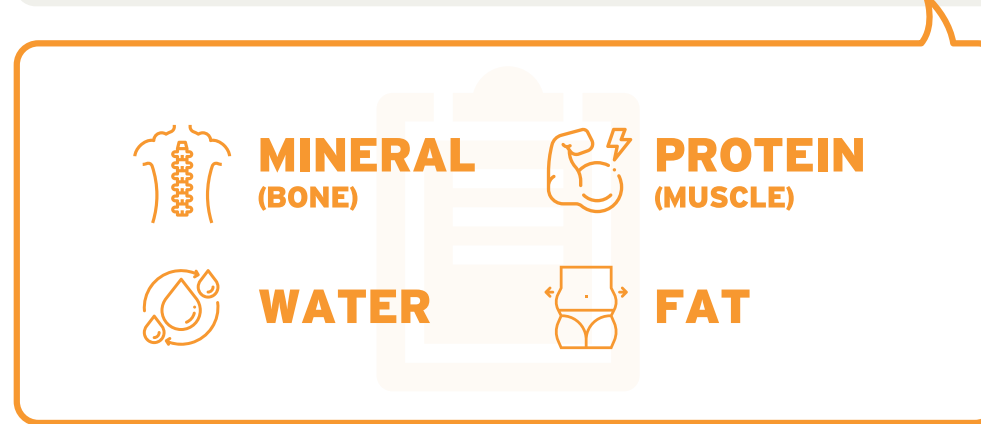
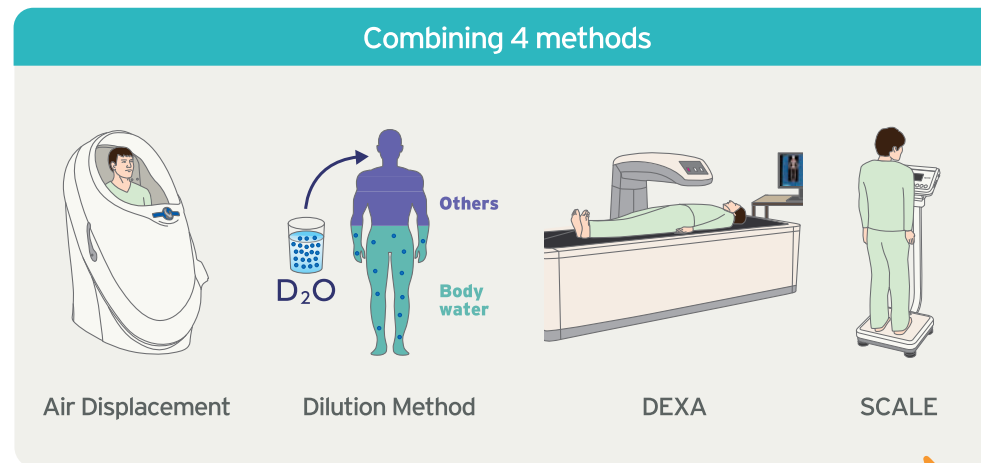
Maximizing Accuracy

4 Compartment ("4C") Body Composition Analysis

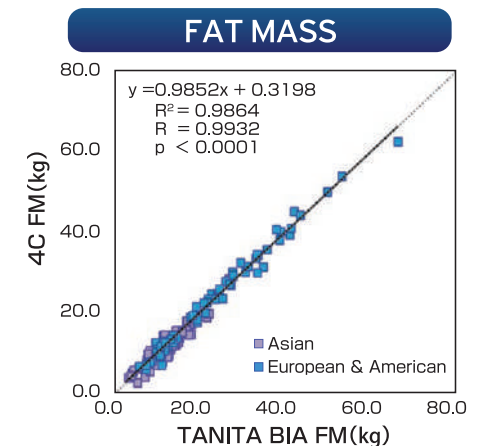
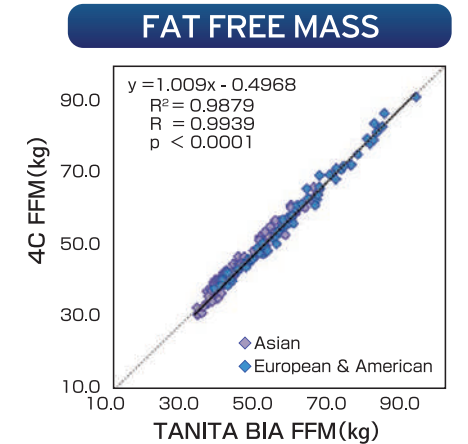
"The 4C model is a gold standard method to assess body composition in many conditions such as over and under nutrition, hydration, obesity and sarcopenia." – Professor Angelo Pietrobelli Verona University Medical School TMAB Member



NEW METHOD ("4C")



4C- Validation



TANITA Pro

Health Monitor Software

Medical Approved client management database

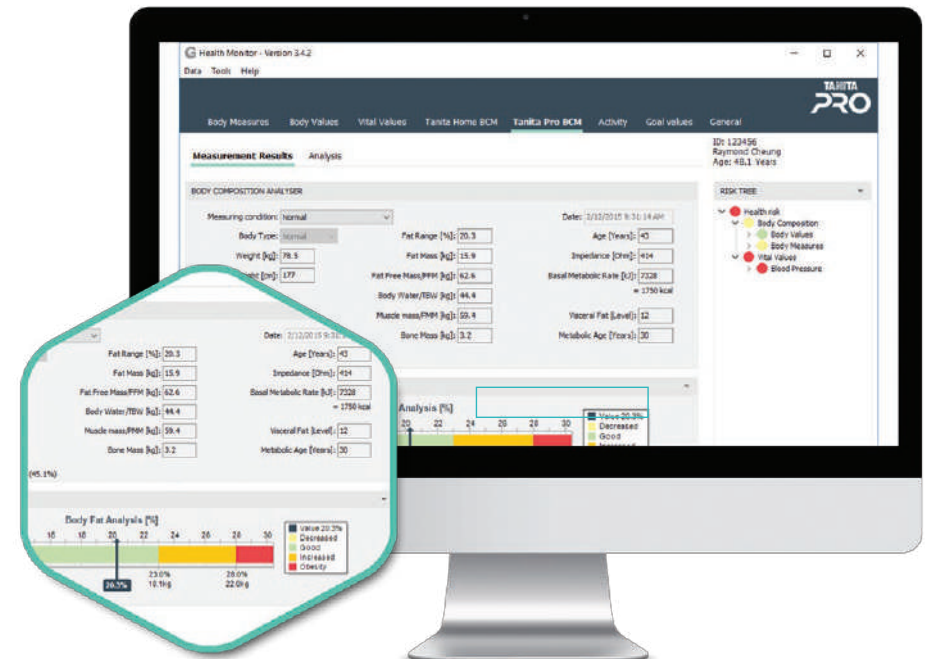


ONE-STEP MANAGEMENT FOR ALL HEALTH DATA

- Captures data from TANITA body composition analysers, and provides a client database with professional reports, graphs and trend analysis suitable for client education, research and clinical records.
- Full color, printable client consultation sheets showing segmental body composition analysis and ranges are available for MC-980MA PLUS, MC-780MA, DC-430MA, DC-360, MC-580, DC-240MA and WB-380.
- User can input target values, waist circumference measurements and other vital health data, allowing a full overview of clients' health and fitness progress.
- Multi-language versions available.

MEDICAL APPROVED RELIABILITY

- Medical Approved, complies with MDD (Medical Device Directive) regulations.
- Compatible with Windows OS up to and including Windows XP, Vista 7, 8 and 10.
- Database version Firebird 2.0.5.



CUSTOMER ID	NAME	FIRST NAME	DATE OF BIRTH	SEX	CITY
00000123456789	Mark		9/6/1998	M	
123456	Charles	Raymond	3/24/1971	M	
1627	Ben	Ben	6/6/2006	M	
000041	Harold	Harold	8/24/1984	M	
000042	Benjiel	Benjiel	7/12/1962	F	
000043	Sejone	Sejone	3/7/1975	F	
000044	Vanessa	Vanessa	6/13/1988	M	

Measurement Results	Analysis
Body Type: Normal	Fat Range [%]: 20.3
Weight [kg]: 78.5	Fat Mass [kg]: 15.9
Height [cm]: 177	Fat Free Mass [kg]: 62.6
	Body Water [kg]: 48.4
	Muscle mass [kg]: 39.4
	Bone Mass [kg]: 3.2

Personal Data

First Name: Erna
Last Name: Beispiel
Customer ID: 000042
Birthdate: 7/12/1962
Gender: Female
Email: erna.beispiel@example.com

Address: 123456
City: Berlin
Country: Germany

Phone: +49 30 12345678
Fax: +49 30 12345678

Comments: High blood pressure, needs more exercise and diet control.

Screen captures from TANITA Pro Health Monitor Software

Information Output: Software

The Tanita PRO software package has been developed in partnership with the leading software developer Medizin & Service GmbH.

The software captures data from Tanita Body Composition Analyzers, transfers to a computer, and provides a client database with professional reports, graphs and trend analysis that can be used for client education, research and clinical records.

In line with EU regulations, the software is Medically Approved, which complies with MDD (Medical Device Directive) regulations. (Council Directive 93/42/EEC of 14 June 1993 concerning medical devices.)

In addition to body composition data captured from the Tanita Analyzer, the user can input target values and waist circumference measurements allowing a full overview of a clients health and fitness progress. A full colour, printable, client consultation sheet showing segmental body composition analysis and ranges is available for MC-980 MA PLUS, MC-780 MA, DC-430 MA, DC-360, MC-580 and DC-240 MA.



SCALE CONNECTING TO SOFTWARE



MC-980 MA PLUS



MC-780 MA



MC-580



DC-430 MA



DC-360



DC-240 MA

Body Composition Tells You



Weight



Body Fat Mass

The actual weight of fat in your body



Body Fat Percentage

The amount of body fat as a proportion of your body weight



Total Body Water Percentage

The Total amount of fluid in your body as percentage of your body weight



Muscle Mass

The calculated weight of muscle in your body including skeletal muscles, smooth muscles and water contained in your muscles



Physique Rating

Assesses your physique condition reference to body fat and muscle mass



Daily Caloric Intake

Estimate calories you can consume in 24 hours to maintain current weight



BMR (Basal Metabolic Rate)

Calories your body needs to maintain minimal level of vital needs (breathing, blood circulation etc.)



Metabolic Age

Rating your body age reference to BMR, fat and muscle level



Bone Mass

The amount of bone (bone mineral level, calcium, other minerals) in your body



Visceral Fat Rating

Indicates level of fat surrounding your vital organs in the abdominal area



Muscle Quality

Muscle quality indicates as score, the “quality (state) of muscle” which changes according to factors such as age and fitness



Muscle Score

Muscle mass is judged by calculating the amount of muscle mass against your overall body condition



Body Mass Index

Indicates the relationship between your body weight and height (kg/m²)



Phase Angle

Phase angle is an indicator of cellular health and integrity



ICW

Intracellular Water is the fluid found inside muscle cells



ECW

Extracellular Water is the body fluid circulating outside of muscle cells



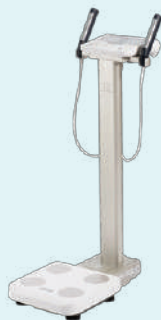
Protein

The portion of protein in the body, protein is essential for the maintenance of muscle within the body

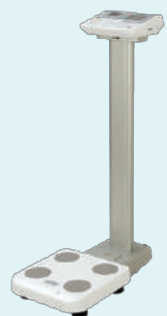
Applicable in Wide Range of Health Monitoring Industries



MC-980 MA PLUS



MC-780 MA



DC-430 MA



DC-240 MA

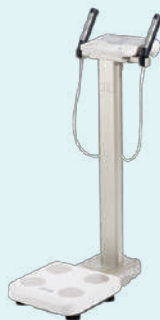
MEDICAL

Full portfolio of body composition monitors with Medical Grade Standard

Ensure accurate measurement and patient safety



MC-980 MA PLUS



MC-780 MA

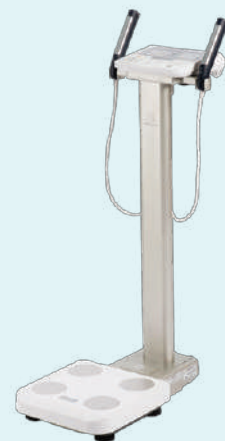


MC-580

SPORTS

BIA technology can apply to different specialist e.g. sports science, rehabilitation (pre/post)

Access elite athletes in order to achieve best performance



MC-780 MA



DC-430 MA

DIETICIAN

Recommended by many leading dietitian and weight management group

Provide detailed body composition analysis to assist dietitian in making nutrition and exercise plan



MC-980 MA PLUS



DC-430 MA

ACADEMIC

Have been used in hundreds of independent research studies worldwide

Enhance understanding of key health issues in university and community



MC-980MA PLUS Medical Grade

Segmental Multi-frequency Body Composition Analyzer

- Top TANITA BIA model
- Touch screen computer and capable to connect all kind of printers
- Full scan can be done in 30s



White

Dark Grey

Red

ALL-IN-ONE



USER-FRIENDLY



- Quick measurement in 30s to complete full segmental body composition analysis
- Clinically accurate TANITA Multi-Frequency BIA Technology
- Incorporating new Sarcopenia Assessment feature allows identification, prevention and monitoring of muscle status
- Microsoft Windows 8 OS system in Chinese, English, Korean, Thai, Vietnamese and other languages, allowing user friendly operation
- Color touch screen to operate
- In-built database management system, flexible for research projects, client data management, client health program monitoring

EASY-TO-READ REPORT



- Detailed consultation sheet can be printed on ANY Microsoft Windows compatible printers for further discussion or future reference
- USB ports allow simple data upload / download
- Registering clients by using bar code scanners, data capture devices, NFC card / FeliCa card

TECHNICAL SPECIFICATION

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Frequencies	1kHz, 5kHz, 50kHz, 250kHz, 500kHz, 1000kHz
Age Range	6 – 99 years
Weight Capacity	300 kg
Graduation	0.1kg
Product Dimensions	450 X 870 X 1240mm
Product Weight	33 kg
Power Source	230V
Interface	3 x USB
Color Options	Red, Dark Grey, White, or any color options on request

Total Body Measurements

- Weight
- BMI
- Body Fat %
- Visceral Fat Rating
- Fat Mass
- Fat Free Mass
- Muscle Mass
- Protein
- Total Body Water kg
- Total Body Water %
- Extra-Cellular Water kg
- Intra-Cellular Water kg
- ECW/TBW Ratio
- Basal Metabolic Rate
- Basal Metabolic Rate Indicator
- Bone Mass
- Metabolic Age
- Physique Rating
- Skeletal Muscle Mass Index **-NEW-**

Segmental Measurements

- Segmental Body Fat %
- Segmental Body Fat Mass
- Segmental Body Fat Rating
- Segmental Fat Free Mass
- Total Body Fat Distribution
- Segmental Muscle Mass
- Segmental Muscle Mass Rating
- Segment Muscle Mass Balance
- Leg Muscle Score
- Total Body Fat Distribution
- Segmental Reactance/Resistance
- Segmental Phase Angle

Made in JAPAN

TANITA PRO



MC-980MA Plus for Sarcopenia Assessment

Incorporating the latest multi-frequency BIA technology with the cutting-edge Sarcopenia Assessment feature, the MC-980MA Plus allows the identification, prevention planning and monitoring of muscle status easier.

KEY CLINICAL INDICATOR FOR ASSESSING SARCOPENIA

According to AWGS, (Asian Working Group for Sarcopenia), Sarcopenia is defined as

1. With **Low muscle mass**
2. With **Low muscle strength**, and/or
3. **Low gait speed** (walking pace m/s)



WHAT ARE THE IMPACTS SARCOPENIA?

Risk of disability

Risk of elderly falling

Drop in Quality of Life due to immobility

IMPORTANT INDICATORS FOR SARCOPENIA

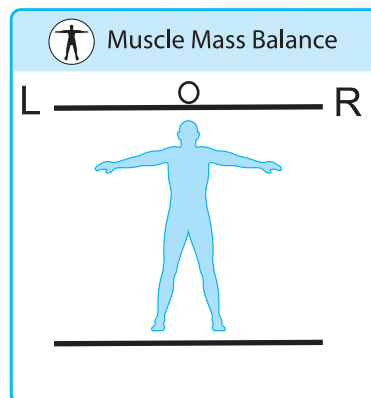
1. Exclusive Sarcopenia Indicator in MC-980 MA Plus

User can select the most suitable one depending on their methodology preference:

MM/H² : height – adjusted Muscle Mass
MM/BW : Weight – adjusted Muscle Mass
SMI (ASM/H²) : Height – adjusted SMI
ASM/BW : Weight – adjusted SMI

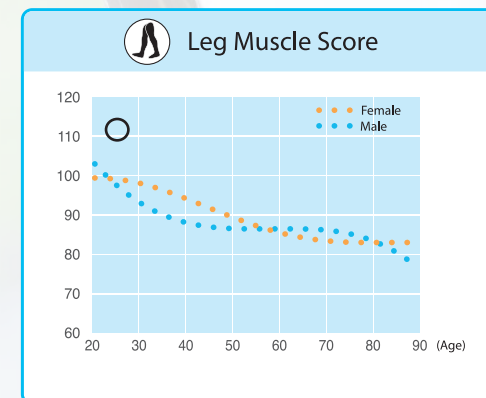
2. Muscle Mass Balance

Shows the left and right muscle balance of upper and lower body



3. Leg Muscle Score

A score is given to reference the user's physical condition, and plotted against average healthy values for gender and age. The score is based on the user's leg muscle mass divided by body weight, e.g. a female 20 to 25-year-old should achieve a score of 100.



Pioneer Research Topic – Segmental Phase Angle

By analyzing Phase Angle (is the tan value of the ratio of reactance vs electric resistance), you can better understand the health condition of cell membrane, which can be used as direct indicator or predictor of physical performance and nutrition level. TANITA MC-980MA Plus provides **Segmental Phase Angle** data, which allows health professionals to have a grasp of the cell condition of different parts of target body for further analysis or consultation.

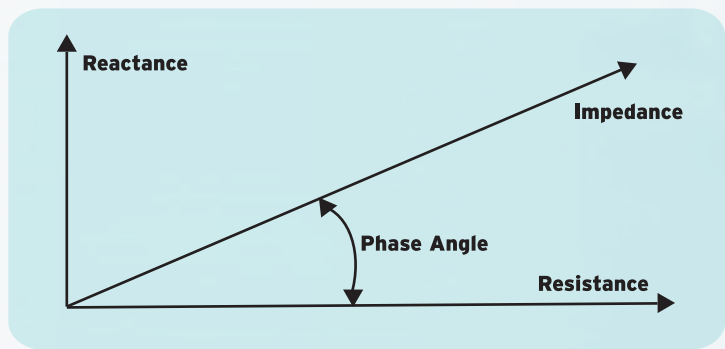
What do the numbers mean?

- For normal adult, **Men: 6 or more, Women: 5 or more** as healthy range
- Fit adolescents may have phase angle greater than 10.
- An elite athlete may have a phase angle of 12 or more.
- A person’s phase angle measurement naturally decrease with age increase

Lower phase angle

Lower phase angle value could indicate the followings:

- Malnutrition
- AIDS, or other chronic diseases
- Cancer condition (most types)
- Old age (80 years +)
- Abusive lifestyles
- Alcoholism
- Severe exhaustion – in elite sports performance



Interpretation of Phase Angle



Reactance Resistance							Phase Angle
	1kHz	5kHz	50kHz	250kHz	500kHz	1MHz	
H-L	649.5 14.4	632.0 30.5	550.1 60.9	490.2 52.0	472.2 54.8	455.5 85.4	6.3°
RL	214.5 3.4	211.1 8.6	185.7 19.1	167.0 13.9	161.7 12.7	157.8 13.0	5.9°
LL	235.9 6.6	230.7 11.6	199.2 22.0	179.1 15.4	173.1 14.4	168.6 15.4	6.3°
RH	371.5 3.1	357.1 18.6	305.3 38.6	265.5 34.8	254.2 36.8	243.2 61.9	7.2°
LH	394.9 3.1	380.0 17.9	331.5 37.7	290.8 36.8	277.1 39.7	261.1 63.2	6.5°
L-L	452.3 8.1	441.4 20.2	384.4 42.2	343.6 30.4	332.8 27.0	323.2 28.1	6.3°

Extract from the MC-980MA Plus print out



MC-780MA Medical Grade

Segmental Multi-frequency Body Composition Analyzer

- Interactive display console, simple to use
- In-built SD card facility
- Around 20s full segmental body composition analysis
- Lightweight with Pole and Separate versions available



MC-780MA
Separate – Dark Grey



MC-780MA
Separate – White



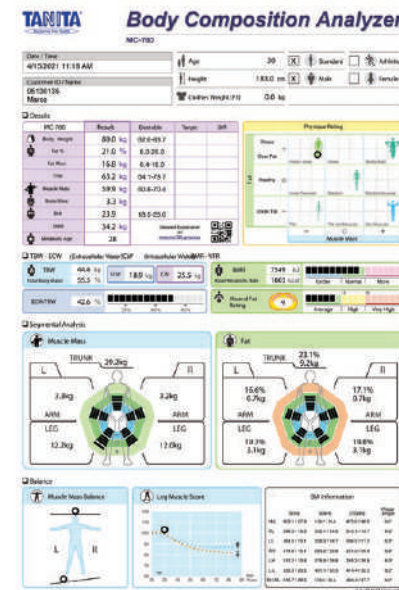
MC-780MA
Pole – Dark Grey

MC-780MA
Pole – White

POLE TYPE



SEPARATE TYPE



Report print out

INFORMATION OUTPUT

- Direct output printing to selected Epson printer for a detailed consultation report allowing an all-rounded client assessment. For the printer list, please contact TANITA AP office for details (asia-pacific@tanita.co.jp).

- All user data can be stored and used for comprehensive trend analysis using the TANITA Pro Health Monitor software.
- USB Connection available for easy data transfer.

TECHNICAL SPECIFICATION

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Frequencies	5kHz, 50kHz, 250kHz
Age Range	6 - 99 years
Weight Capacity	270kg
Graduation	0.1kg
Product Dimensions	(P) 360 x 717 x 1165mm (S) 380 x 656 x 181mm
Product Weight	(P) 15.5kg (S) 11.1kg
Power Source	AC 100 - 240V
Interface	RS232, USB, SD CARD
Color Options	Dark Grey, White

Total Body Measurements

- Weight
- BMI
- Body Fat %
- Visceral Fat Rating
- Fat Mass
- Fat Free Mass
- Muscle Mass
- Physique Rating
- Total Body Water kg
- Total Body Water %
- Extra-Cellular Water kg
- Intra-Cellular Water kg
- ECW/TBW Ratio
- Phase Angle
- Basal Metabolic Rate
- Basal Metabolic Rate Indicator
- Metabolic Age
- Bone Mass

Segmental Measurements

- Segmental Body Fat %
- Segmental Body Fat Mass
- Segmental Body Fat Rating
- Segmental Fat Free Mass
- Total Body Fat Distribution
- Segmental Muscle Mass
- Segmental Muscle Mass Rating
- Segment Muscle Mass Balance
- Leg Muscle Score
- Total Body Fat Distribution
- Segmental Reactance/ Resistance
- Segmental Phase Angle



MC-580 NEW

Segmental Dual-frequency Portable Body Composition Analyzer

PRODUCT FEATURE

- Only 7.3kg, highly portable
- Provide full segmental body composition analysis in less than 1 min
- Wide, low-profile platform with detachable column stand
- Outdoor measurement using AA batteries is possible



Lightweight
7.3kg

INFORMATION OUTPUT

- Tanita PRO Software compatible, allowing data storage, trend analysis, health risk assessments
- Thermal paper printer as option is available

TECHNICAL SPECIFICATION

Weight Capacity	270kg
Graduation	0.1kg
Frequency Used	6.25kHz/ 50kHz
Platform Dimensions	394 x 75 x 551mm
Product Weight	7.3kg
Power Source	9V DC Adapter, 6V DC LR6 AA
Interface Connections	RS-232C



MC-580
Separate Version

MC-580 Pole Version
with thermal printer

TANITA BODY COMPOSITION ANALYZER MC-580			
26/JUN/2018 14:41			
INPUT	STANDARD		
TYPE	FEMALE		
AGE	32		
HEIGHT	164.0	cm	
CLOTHES WEIGHT (PT)	0.5	kg	
Overview			
◁WEIGHT	52.4	kg	
◁FAT %	18.2	%	
- 0 + ++			
◁FFM	42.9	kg	
◁MUSCLE MASS	40.7	kg	
- 0 +			
◁TBW	29.6	kg	
◁BONE MASS	2.2	kg	
◁BMR	1275	kcal	
- 0 +			
◁VISCERAL FAT RATING	1		
- 0 + ++			
◁METABOLIC AGE	17		
◁LEG MUSCLE SCORE	103		
- 0 + ++			
◁BMI	19.5		
- 0 + ++			
◁SMI	6.1		
◁PHYSIQUE RATING			
THIN AND MUSCULAR			
Segmental			
◁FAT %			
TRUNK	13.2%	- 3	
L-ARM	18.5%	- 2	
R-ARM	20.2%	- 2	
L-LEG	27.0%	- 2	
R-LEG	25.1%	- 2	
◁MUSCLE MASS			
TRUNK	24.2kg	0	
L-ARM	1.8kg	- 1	
R-ARM	1.8kg	- 1	
L-LEG	6.3kg	- 1	
R-LEG	6.5kg	- 1	
IMPEDANCE			
6.25kHz	50kHz		
LH-L	R 841.9	744.9	
X-	36.2	- 71.8	
RH-L	R 799.1	696.2	
X-	39.9	- 76.4	
RL	R 306.2	269.2	
X-	16.1	- 26.4	
LL	R 318.9	262.3	
X-	15.5	- 25.5	
RH	R 467.0	405.1	
X-	23.2	- 46.7	
LH	R 511.0	415.2	
X-	27.2	- 54.5	
L-L	R 633.3	552.8	
X-	30.1	- 59.1	

MC-580 thermal print out

Total Body Composition Readings

- Weight
- Body Fat%
- Fat Mass
- Fat Free Mass
- Muscle Mass
- Visceral Fat Rating
- Protein
- Total Body Water Kg
- Total Body Water %
- Basal Metabolic Rate
- Basal Metabolic Rate Indicator
- Bone Mass
- Metabolic Age
- Physique Rating
- Goal Setter
- Skeletal Muscle Mass Index

Segmental Body Composition Readings

- Segmental Body Fat %
- Segmental Body Fat Mass
- Segmental Body Fat Rating
- Total Body Fat Distribution
- Segmental Muscle Mass
- Segmental Muscle Mass Rating
- Segmental Muscle Mass Balance
- Leg Muscle Score
- Segmental Impedance
- Segmental Reactance/Resistance
- Segmental Phase Angle

TANITA
PRO

TANITA	
BODY COMPOSITION ANALYZER DC-270	
18 / JUL / 2019 15:48	
INPUT	
ID No.	000000000000000001
BODY TYPE	STANDARD
GENDER	MALE
AGE	27
CLOTHES WEIGHT(PT)	0.0kg
RESULT	
HEIGHT	169.3cm
WEIGHT	64.2kg
FAT %	16.2%
FAT MASS	10.4kg
FFM	53.8kg
MUSCLE MASS	51.0kg
TBW	37.7kg
TBW %	58.7%
BONE MASS	2.8kg
BMR	6217 kJ
	1486 kcal
VISCERAL FAT RATING	7.5
LEG MUSCLE SCORE	105
BMI	22.4
IDEAL BODY WEIGHT	63.1kg
DEGREE OF OBESITY	1.7%
DESIRABLE RANGE	
FAT %	11.0% - 21.9%
FAT MASS	6.6 - 15.1kg
INDICATOR	
◇ FAT %	
	- 0 + ++
◇ BMI	
	- 0 + ++
◇ VISCERAL FAT RATING	
	10 15
◇ MUSCLE MASS	
	- 0 +
◇ BMR	
	- 0 +
◇ LEG MUSCLE SCORE	
	- - 0
◇ PHYSIQUE RATING	
	STANDARD
◇ BIOELECTRICAL DATA	
R	6.25kHz 50kHz
	509.2 442.1
X	-26.4 -47.3

DC-270 print out
(Body Composition)

TANITA	
BODY COMPOSITION ANALYZER DC-270	
18 / JUL / 2019 15:48	
INPUT	
ID No.	000000000000000001
CLOTHES WEIGHT(PT)	0.0kg
RESULT	
HEIGHT	169.3cm
WEIGHT	64.2kg
BMI	22
IDEAL BODY WEIGHT	63.1kg
DEGREE OF OBESITY	1.7%
INDICATOR	
◇ BMI	
	- 0 + ++

DC-270 print out
(Height Measurement)

DC-270 NEW

Automatic Height Rod Dual-frequency Body Composition Analyzer with Integrated Thermal Printer

PRODUCT FEATURE

- Automatic height measurement using leading edge Dot Code Technology plus body composition analyzer, quick measurement can complete in 10 seconds.
- Compact size for convenient storage and easy transportation.

INFORMATION OUTPUT

- Data can be printed via thermal printer or sent to SD card in CSV format for further analysis.
- USB port, RS-232C port attached, data can be sent to/ from health intranet system for better client record management.

TECHNICAL SPECIFICATION

Frequencies	6.25kHz, 50kHz
Age Range	6 - 99 years
Weight Capacity	2-200kg
Graduation	0.1kg
Measured Height Range	100.0 - 200.0cm
Product Dimensions	360 x 689 x 1493-2300mm
Product Weight	29.1kg
Power Source	AC 100 - 240V



Total Body Measurements

- Weight
- Height
- Body Fat %
- Fat Mass
- Fat Free Mass
- Total Body Water
- Total Body Water %
- Basal Metabolic Rate
- BMI
- Standard Body Weight
- Degree of Obesity
- Muscle Mass
- Bone Mass
- Visceral Fat Rating
- Rohrer Index (for users below 17years old)
- Leg Muscle Score
- Physique Rating
- Impedance



DC-430MA Medical Grade

Dual Frequency Body Composition Analyser with Integrated Thermal Printer

PRODUCT FEATURE

- Full body composition analysis provided in 15 seconds using clinically accurate TANITA Dual Frequency BIA Technology.
- Available in both Pole and Separate versions to cater to different needs.

INFORMATION OUTPUT

- Results automatically stored on the SD Card, can also select to send to PC or integrated thermal printer for print-out.
- TANITA PRO Software compatible, allowing one-stop trend analysis, health risk assessments and full data management.

TECHNICAL SPECIFICATION

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Frequencies	6.25kHz, 50kHz
Age Range	6 - 99 years
Weight Capacity	270kg
Graduation	0.1kg
Product Dimensions	(P) 285 x 462 x 1078mm (S) 427 x 462 x 285mm
Product Weight	(P) 13.5kg (S) 9.1kg
Power Source	AC 100 - 240V
Interface	RS232, USB, SD CARD
Color Options	Dark Grey, White



DC-430MA
Separate Version - White

DC-430MA
Separate Version - Dark Grey



DC-430MA
Pole Version - Dark Grey

DC-430MA
Pole Version - White

TANITA	
BODY COMPOSITION ANALYZER DC-430MA	
26/JAN/2015 20:59	
INPUT	
ID No.	0000001234567890
BODY TYPE	STANDARD
GENDER	MALE
AGE	35
HEIGHT	160 CM
CLOTHES WEIGHT	1.5kg
RESULT	
WEIGHT	83.0kg
FAT %	25.9 %
FAT MASS	21.5kg
FFM	61.5kg
MUSCLE MASS	58.4kg
TBW	48.4kg
TBW %	58.3 %
BONE MASS	9.1kg
BMR	7560 kJ
METABOLIC AGE	1616kcal
VISCERAL FAT RATING	B
BMI	25.6
IDEAL BODY WEIGHT	71.3kg
DEGREE OF OBESITY	16.4 %
DESIRED RANGE	
FAT %	8.0 - 19.9 %
FAT MASS	5.3 - 15.3kg
TARGET	
TARGET BF% 1s:	15 %
Predicted weight:	72.4kg
Predicted fat mass:	10.9kg
FAT TO LOSE:	10.6kg
Consult your physician before beginning any weight management program. Tanita is not responsible for determining your target BF%.	
INDICATOR	
*FAT %	- 0 + ++
*BMI	- 0 + ++
*VISCERAL FAT RATING	- 0 + ++
*MUSCLE MASS	- 0 + ++
*BMR	- 0 + ++
*PHYSIQUE RATING	- 0 + ++
OBESE	
BIOELECTRICAL DATA	
R	6.25kHz 50kHz
X	433.5 394.3
	-10.9 -20.0

DC-430MA thermal print out

Total Body Measurements

- Weight
- Body Fat %
- Fat Mass
- Fat Free Mass
- Muscle Mass
- Total Body Water kg
- Total Body Water %
- Bone Mass
- Basal Metabolic Rate
- Metabolic Age
- Visceral Fat Rating
- BMI
- Ideal Body Weight
- Degree of Obesity
- Desirable Fat % Range
- Desirable Fat Mass Range
- Fat % Indicator
- BMI Indicator
- Visceral Fat Indicator
- Muscle Mass Indicator
- BMR Indicator
- Physique Rating

Made in
JAPAN

TANITA
PRO





DC-360 thermal print out



DC-360
Separate Version
(Pole stand is not included)



DC-360
Pole Version

DC-360

Dual Frequency Body Composition Analyser with Integrated Thermal Printer

PRODUCT FEATURE

- Full body composition analysis provided in 15 seconds using clinically accurate TANITA Dual Frequency BIA Technology.
- Robust, low profile platform for additional client stability.
- Max weight capacity 270kg with 0.1kg accuracy.
- Available in both Pole and Separate versions to cater to different needs.

INFORMATION OUTPUT

- Integrated thermal printer provides instant read out of results with topline analysis.
- Results automatically stored on the SD Card, can also be sent to PC for trend analysis, health risk assessments and full data management using TANITA Pro Software.

TECHNICAL SPECIFICATION

Frequencies	6.25kHz, 50kHz
Age Range	6 - 99 years
Weight Capacity	270kg
Graduation	0.1kg
Product Dimensions	(P) 395 x 390 x 1027mm (S) 395 x 390 x 67mm
Product Weight	(P) 13.5kg (S) 7kg
Power Source	AC 100 - 240V
Interface	RS232, USB, SD CARD



Total Body Measurements

- Weight
- Body Fat %
- Fat Mass
- Fat Free Mass
- Muscle Mass
- Total Body Water kg
- Total Body Water %
- Bone Mass
- Basal Metabolic Rate
- Metabolic Age
- Visceral Fat Rating
- BMI
- Ideal Body Weight
- Degree of Obesity
- Desirable Fat % Range
- Desirable Fat Mass Range
- Fat % Indicator
- BMR Indicator
- Visceral Fat Indicator
- Muscle Mass Indicator
- BMI Indicator
- Physique Rating



DC-240MA Medical Grade

Dual-frequency Portable Body Composition Analyzer

PRODUCT FEATURE

- Full body composition analysis provided in 15 seconds using clinically accurate TANITA BIA Technology.
- Lightweight, highly portable (4.7kg) and can be operated using AA batteries, perfect for field studies, mobile and community assessments.
- Low profile platform for additional stability.

INFORMATION OUTPUT

- Core body composition results shown on screen. All additional results can be accessed via TANITA PRO Software allowing easy trend analysis, health risk assessments and full data management.

TECHNICAL SPECIFICATION

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Frequencies	5kHz, 50kHz
Age Range	5 – 99 years
Weight Capacity	200kg
Graduation	0.1kg
Product Dimensions	341 x 437 x 54mm
Product Weight	4.7kg
Power Source	9V Adaptor or 6 x AA Batteries
Interface	USB



DC-240MA

Total Body Measurements

- Weight
- Body Fat %
- Total Body Water %
- BMI

Measurements available via software

- Weight
- Body Fat %
- BMI
- Fat Mass
- Fat Free Mass
- Total Body Water %
- Total Body Water Mass
- Muscle Mass
- Bone Mass
- Visceral Fat Rating
- Basal Metabolic Rate
- Metabolic Age



TANITA

Body Composition

Analysers Specification List



NEW



NEW



	MC-980MA Plus	MC-780MA (P) MC-780MA (S)	DC-270	DC-430MA (P) DC-430MA (S)	MC-580 (P) MC-580 (S)	DC-360 (P) DC-360 (S)	DC-240MA
ACCURACY GRADE							
MDD Class II-a, NAWI Class III	✓	✓		✓			✓
TOTAL BODY MEASUREMENTS							
Weight	✓	✓	✓	✓	✓	✓	✓
Body Fat %	✓	✓	✓	✓	✓	✓	✓
Fat Mass	✓	✓	✓	✓	✓*	✓	✓*
Fat Free Mass (FFM)	✓	✓	✓	✓	✓	✓	✓*
Muscle Mass	✓	✓	✓	✓	✓	✓	✓*
Protein	✓	✓*			✓*		✓
Bone Mass	✓	✓	✓	✓	✓	✓	✓*
BMI	✓	✓	✓	✓		✓	✓
Metabolic Age	✓	✓		✓	✓	✓	✓*
Basal Metabolic Rate (BMR)	✓	✓	✓	✓	✓	✓	✓*
Basal Metabolic Rate Indicator (BMR Indicator)	✓	✓	✓	✓	✓*	✓	
Visceral Fat Rating (VF)	✓	✓	✓	✓	✓	✓	✓*
Total Body Water kg (TBW kg)	✓	✓	✓	✓	✓	✓	✓*
Total Body Water % (TBW %)	✓	✓	✓	✓	✓*	✓	
Extra-Cellular Water kg (ECW kg)	✓	✓					
Intra-Cellular Water kg (ICW kg)	✓	✓					
ECW / TBW Ratio	✓	✓					
Physique Rating	✓	✓	✓	✓*	✓	✓*	
Target Range	✓	✓	✓	✓		✓	✓
Goal Setter	✓	✓	✓*	✓	✓*	✓	
Skeletal Muscle Mass	✓*	✓*		✓*	✓	✓*	
Sarcopenia Index	✓	✓*					
SEGMENTAL MEASUREMENTS							
Segmental Muscle Mass	✓	✓			✓		
Segmental Muscle Mass Rating	✓	✓			✓*		
Segmental Body Fat %	✓	✓			✓		
Segmental Body Fat Mass	✓	✓*			✓*		
Segmental Body Fat Rating	✓	✓			✓*		
Segmental Fat Free Mass	✓*	✓*					
Segmental Muscle Mass Balance	✓	✓			✓*		
Leg Muscle Score	✓	✓	✓		✓*		
Total Body Fat Distribution	✓	✓			✓		
Segmental Impedance	✓*	✓*			✓*		
Segmental Reactance / Resistance	✓	✓			✓		
Segmental Phase Angle	✓	✓			✓*		
TECHNICAL SPECIFICATIONS							
Weight Capacity	300kg	270kg	200kg	270kg	270kg	270kg	200kg
Frequencies	6	3	2	2	2	2	2
Product Disensions	450 x 870 x 1240 mm	MC-780 (P) : 360 x 717 x 1165mm MC-780 (S) : 380 x 656 x 181mm	360 x 689 x 1493-2300 mm	DC-430 (P) : 285 x 462 x 1078mm DC-430 (S) : 427 x 462 x 285mm	394 x 75 x 551mm	DC-360 (P) : 395 x 390 x 1027mm DC-360 (S) : 395 x 390 x 67mm	341 x 437 x 54 mm
Product Weight	33kg	MC-780 (P) : 15.5kg MC-780 (S) : 11.1kg	29.1kg	DC-430 (P) : 13.5kg DC-430 (S) : 9.1kg	7.3kg	DC-360 (P) : 13.5kg DC-360 (S) : 7kg	4.7kg
Interface / Inbuilt SD card	USB	RS232C / USB / SD card	RS-232C / USB / SD card	RS232C / USB / SD card	RS-232C	RS232C / USB / SD card	RS232C / USB
Printer	Any Printer	Direct Print Epson	Integrated Thermal Printer	Integrated Thermal Printer	Integrated Thermal Printer	Integrated Thermal Printer	

* Available in TANITA Pro Software

BH-100

Height Rod (Dot Code Technology)

PRODUCT FEATURE

- Easy to get on and off
- Slim design
- Hand adjusted, reading on display
- Thermal printing report



BH-100

BH-200

Weighing Scale with Height Rod (Dot Code Technology)

PRODUCT FEATURE

- Space saving for height and weight in one shot
- Hand adjusted, reading on display
- Thermal printing report



TANITA	
WEIGHT SCALE	
BH-200	1 6 : 40
02/OCT/2019	
INPUT: CLOTHES WEIGHT(PTD. 1kg)	
RESULT	
HEIGHT	175.8 cm
WEIGHT	80.6 kg
B M I	26.1
IDEAL BODY WEIGHT	68.0 kg
DEGREE OF OBESITY	18.5 %

BH-200
thermal print out



TECHNICAL SPECIFICATION

Height Measurement	Long Mode: 75.0– 215.0 cm (0.1cm)
Range (Graduation)	Short Mode: 75.0 – 160.0 cm (0.1 cm)
Product Dimension	Weighing Unit: 510 x 350 x 2258mm Display Unit: 136 x 240 x 72mm
Product Weight	9.2kg
Power Source	LR6 - 4 X AA Batteries
Battery Life	Approximately 30 hours of continuous use
Output	RS232C to thermal printer

TECHNICAL SPECIFICATION

Weight Capacity	270kg
Graduation	0.1kg
Height Measurement	Long Mode: 75.0– 215.0 cm (0.1cm)
Range (Graduation)	Short Mode: 75.0 – 160.0 cm (0.1 cm)
Product Dimension	Weighing Unit: 473 x 336 x 2327mm Display Unit: 136 x 240 x 72mm
Product Weight	14.5kg
Power Source	LR6 - 4 X AA Batteries
Battery Life	Approximately 20 hours of continuous use
Output	RS232C to thermal printer

WB-380

Weighing Scale : Separate, Pole and Height Rod versions

PRODUCT FEATURE

- Large easy-to-read LCD display.
- Rotating display allowing confidential readings.
- Can be operated using AA batteries.
- High weight capacity 300kg.
- Low level, stable platform for elderly or obese patients.
- Convenient step-on activation.
- Available in 3 versions: Separate, Pole, with Height Rod.

TECHNICAL SPECIFICATION

Maximum Capacity	300kg
Minimum Graduation	0.1kg
Measurement System	Mechanical Height Rod (WB-380H only)
Range of Height	64 - 214cm (WB-380H only)
Input items - Height	61- 250cm/ 1cm increment
Output Items - Weight	300kg / 0.1kg increment
Output Items - Height	61- 250cm/ 1cm increment
Output Items - BMI	0.1 increment
Overall size	S: 240 x 139 x 123 mm (Indicator size) P: 395 x 595 x 1196 mm H: 395 x 552 x 1425 mm
Platform size:	395 x 390 x 59 mm
Product Weight	S: 7.1kg P: 10.0kg H: 11.2kg
Output Data Interface	RS-232C (D sub 9-pin Female connector) USB (B-type)
Power Source	AC adapter (included) Centre Minus DC 6V 200mA (LR6 - 4 x AA Batteries)
Battery Life	Approximately 100 hours of continuous use



Measurements

- Weight
- BMI
- Height (for WB-380H)

TANITA
PRO

PW-650MA Wheelchair Scale **NEW**

Measurement

- Weight

PRODUCT FEATURE

- 2-Way Easy Access Ramps
- Ultra-low platform with up to 24mm height makes for easy on/off
- Tare function subtracts the weight of wheelchair
- Built-in wheels for easy to move
- Available for setting auto power off time

INFORMATION OUTPUT

- Ready with an RS-232 output

TECHNICAL SPECIFICATION

Weight Capacity	200kg
Graduation	0.1kg
Product Dimension	Weighing Unit: 908 x 875 x 55mm Display Unit: 159 x 209 x 56mm
Product Weight	28kg
Power Source	AC adapter or 6 X AA batteries



Made in
JAPAN

BD-815 Digital Baby Scale

Measurement

- Weight

PRODUCT FEATURE

- High accuracy : 2g increments registering the smallest weight changes
- Curved basket cover design for baby safety and the cover can be taken off
- Specified button to measure the amount of breastfeeding
- Weight lock function displays the weight even after the baby has been taken off the scale
- Extra large display with a blue backlight making the weight easy to read
- Soft pad cover can be added on the scale cover



BD-815

Soft pad cover for BD-815
(not included)

TECHNICAL SPECIFICATION

Weight Capacity	15kg
Graduation	0-6kg / 2g 6-15kg / 5g
Product Dimension	404 x 600 x 157mm
Product Weight	4.6kg
Power Source	AC adapter or 4 x AA batteries



BD-585

Digital Baby Scale

PRODUCT FEATURE

- High accuracy up to 20kg with increments 10g
- Self-adhesive ruler available for measuring baby's height
- Weight lock function displays the weight even after the baby has been taken off the scale
- Easy-to-read 1.4" LCD display



BD-585

TECHNICAL SPECIFICATION

Weight Capacity	20kg
Graduation	0-20kg / 10g 0-40lb / 0.5oz
Product Dimension	394 x 635 x 90mm
Product Weight	2.8kg
Power Source	4 x AA batteries

BD-590

Digital Baby Scale

PRODUCT FEATURE

- Lightweight and space saving design
- High accuracy up to 20kg with increments 10g
- Weight lock, tare and recall options available for added convenience
- Durable, easy-to-clean ABS plastic surface



BD-590

TECHNICAL SPECIFICATION

Weight Capacity	20kg
Graduation	0-20kg / 10g 0-40lb / 0.5oz
Product Dimension	580 x 420 x 255mm
Product Weight	2.2kg
Power Source	4 x AA batteries

BD-585 Measurement

- Height
- Weight

BD-590 Measurement

- Weight

Accessories

OP-502

Handrail stand

- Suitable for hospital patient and elderly use
- For any MD models
- Product Size : 653 x 700 x 900mm



OP-002

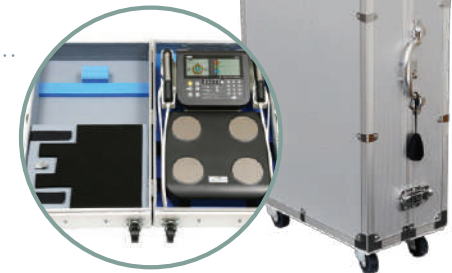
Display Screen Stand

- Compatible with PW-650MA
- Product Size: 400 X 665-1105mm



Metal Carrying Case

- Compatible with MC-780 MA separate
- Product Size : 463 x 255 x 851mm



OP-102

- Wireless Bluetooth connection device for data input/ output
- Product Size : Device Adapter 44 x 93 x 22mm
PC Adapter 20 x 72 x 9mm



Device Adapter

PC Adapter

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