

Professional Product Guide

The global leader in health monitoring



I AM FITTER

THANKS TO THE BEST TRAINING
AND THE BEST TECHNOLOGY

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/medical field as for home usage.



**WORLD No.1
BIA BRAND**

**5 YEAR
GUARANTEE**



Why Tanita Bioelectrical Impedance Analysis technology is the best

Highest levels of precision and clinical accuracy.

The original prediction equations used in Tanita software were devised by world-renowned body composition expert Professor Steven Heymsfield and his research team at St Luke's Roosevelt Hospital, Columbia University, New York. Extensive independent research has proven that the accurate prediction of an individual's body composition can only be determined if a range of parameters are included in an algorithm, such as gender, age and height and weight.

Trusted by experts for clinical excellence.

Tanita BIA technology has been more extensively validated against alternative body composition techniques than any other company and the findings have been published in international medical journals. In addition, Tanita monitors have been used in hundreds of independent research studies worldwide. Tanita is regarded by the scientific community as the gold standard in BIA technology and the Tanita Medical Advisory Board ensures Tanita remains at the forefront of scientific advances. For more information on our extensive scientific publications and validation visit: <https://tanita.eu/tanita-academy/for-professionals/the-science>

Ground breaking advances in research.

Tanita continually invests in numerous research projects that focus on enhancing understanding of key health and fitness issues, including areas such as childhood obesity, optimising sports

performance and sarcopenia in the elderly. Our aim is to work with experts to develop tools and technologies to assist all healthcare and sports professionals in providing the best possible services and to help people enjoy healthier lives.

Repeatability of measurements through precision weighing.

Precise weight measurements are essential for calculating accurate body composition measurements. Tanita prides itself on manufacturing highly accurate weighing mechanisms in both its home use and professional models. All Tanita medically approved professional monitors have been awarded NAWI Certification as well MDD Class IIa, FDA and CE Approval ensuring the highest standards are met.

Sound quality through robust construction.

Tanita has grown through continuous product innovation and a commitment to maintaining the highest manufacturing quality standards. The company operates award-winning manufacturing facilities in Japan and China and all Tanita medical products meet strict international quality standards and are independently quality-controlled.



WORLD No.1
BIA BRAND

5 YEAR
GUARANTEE



Validation

National and international regulatory standards continue to evolve and become more stringent. Medical devices are also becoming smaller and more complex in design, sometimes using advanced, engineered plastics. This makes the process of validation and verification even more important—not only to comply with regulations, but also design the highest-quality part and production process. The result is better repeatability, fewer mistakes, less rework and redesign, faster time to market, improved competitiveness, and lower costs.

Validation is the process of making sure that you have objective evidence that user needs and intended uses are met. It is usually done by tests, inspections, and in some cases analysis. However, the target of the validation is to make sure the user needs are met in a medical device that consistently provides the intended medical benefit in actual-use conditions. Verification is typically making sure that you have objective evidence that specified requirements are met. It is usually done by tests, inspections, and in some cases analysis as well.

Tanita's professional body composition monitors have been validated.

Sarcopenic obesity: clinical diagnostic potential of 8-electrode multi-segment BIA
 *Jolene Zheng, *Bin Zhu, *Chenfei Gao, *James Matthew Watson, *Ilana Solleau, *Guang Xia, *Steven B. Heymsfield, *Jolene Zheng
 *Pennington Biomedical Research Center, †Department of Physics and Astronomy, Louisiana State Univ. System, Baton Rouge, LA

Introduction
 Sarcopenic obesity, a pathological state with excess fat and depleted skeletal muscle mass (SM), is increasingly being recognized as a phenotype associated with adverse clinical outcomes.

STUDY AIMS
 To answer the question: how does 8-electrode multi-segment bioimpedance analysis (BIA; MC90 and MC980) and predicted SM by DXA (DEXA) compare to dual-energy x-ray absorptiometry (DXA) as the reference for estimating SM? Similarly, how well do the BIA systems associate with fat mass measured using 4-component reference methods?

Methods
Appendicular lean soft tissue (LST), a measure of SM, arm, leg, and total lean mass measured by DXA (DEXA) and compared to total lean mass measured by BIA (MC90 and MC980) and predicted SM by the two BIA systems, MC-790 and MC-980 (Tanita Corp., Tokyo, Japan) in 130 healthy men and women age 21-85 years varying in BMI.

***Body fat** measured with multicomponent models (Wang and Lohman (L)) as the reference were compared to BIA (MC90 and MC980) and predicted SM by DXA (DEXA) and total lean mass measured by BIA (MC90 and MC980) and predicted SM by the two BIA systems, MC-790 and MC-980 (Tanita Corp., Tokyo, Japan) in 130 healthy men and women age 21-85 years varying in BMI.

Both BIA systems are based on an 8-electrode configuration that separately captures each arm and leg along with trunk and right and left body electrical properties.

Results
Subject Characteristics: 68 F, 62 M; 4 Asian, 27 African American, 97 Caucasians, 2 Other. (MeanSD), 34.18±8.5 yrs; 172±65 cm; 82.2±22.8 kg; BMI 27.2±6.5 kg/m².

The MC-790 and 980 results were similar for all measures. Leg, arm, and total lean fat mass and LST for DXA and lean fat and SM mass by BIA (MC980; kg; kg SD) are shown in the table. There were no significant differences between the BIA (MC980) and DXA results presented in Figure 1.

	DEXA	MC980	MC790
Leg	5.0	5.0	5.0
Arm	2.7	2.7	2.7
Total	11.8	11.8	11.8

Figure 1. Tanita MC980 appendicular SM vs. DXA LST. The line of identity is shown in the figure.

Sarcopenic obesity: clinical diagnostic potential of 8-electrode multi-segment BIA
 *Angelo Piatelloni, *Catie Johnson, *Steven B. Heymsfield, *Jolene Zheng
 *Pediatric Unit, Verrino University Medical School, Verrino, Italy; *Pennington Biomedical Research Center, Louisiana State University System, Baton Rouge, LA, USA; †University of Virginia, Charlottesville, VA, USA

Abstract
 Background: Sarcopenic obesity (SO) is a pathological state characterized by excess fat and depleted skeletal muscle mass (SM). It is associated with adverse clinical outcomes. The aim of this study was to evaluate the diagnostic potential of an 8-electrode multi-segment bioimpedance analysis (BIA) system (MC980) for the identification of SO in a population of healthy men and women. Methods: A total of 130 healthy men and women (68 F, 62 M; 4 Asian, 27 African American, 97 Caucasians, 2 Other) age 21-85 years were recruited to the study. Anthropometric and body composition data were collected. Results: The MC980 results were similar for all measures. Leg, arm, and total lean fat mass and LST for DXA and lean fat and SM mass by BIA (MC980; kg; kg SD) are shown in the table. There were no significant differences between the BIA (MC980) and DXA results presented in Figure 1.

Results
 The MC-790 and 980 results were similar for all measures. Leg, arm, and total lean fat mass and LST for DXA and lean fat and SM mass by BIA (MC980; kg; kg SD) are shown in the table. There were no significant differences between the BIA (MC980) and DXA results presented in Figure 1.

	DEXA	MC980	MC790
Leg	5.0	5.0	5.0
Arm	2.7	2.7	2.7
Total	11.8	11.8	11.8

Figure 1. Tanita MC980 appendicular SM vs. DXA LST. The line of identity is shown in the figure.

Skeletal Muscle Quality: Concordant Findings from Two Practical Non-Invasive Approaches
 Angelo Piatelloni, Catie Johnson, Steven B. Heymsfield, Jolene Zheng
 *Pediatric Unit, Verrino University Medical School, Verrino, Italy; *Pennington Biomedical Research Center, Louisiana State University System, Baton Rouge, LA, USA

Abstract
 Background: Skeletal muscle quality (SMQ) is a measure of the ability of skeletal muscle to generate force relative to its mass. It is a key determinant of functional capacity and is associated with adverse clinical outcomes. The aim of this study was to evaluate the diagnostic potential of an 8-electrode multi-segment bioimpedance analysis (BIA) system (MC980) for the identification of SMQ in a population of healthy men and women. Methods: A total of 130 healthy men and women (68 F, 62 M; 4 Asian, 27 African American, 97 Caucasians, 2 Other) age 21-85 years were recruited to the study. Anthropometric and body composition data were collected. Results: The MC980 results were similar for all measures. Leg, arm, and total lean fat mass and LST for DXA and lean fat and SM mass by BIA (MC980; kg; kg SD) are shown in the table. There were no significant differences between the BIA (MC980) and DXA results presented in Figure 1.

Results
 The MC-790 and 980 results were similar for all measures. Leg, arm, and total lean fat mass and LST for DXA and lean fat and SM mass by BIA (MC980; kg; kg SD) are shown in the table. There were no significant differences between the BIA (MC980) and DXA results presented in Figure 1.

	DEXA	MC980	MC790
Leg	5.0	5.0	5.0
Arm	2.7	2.7	2.7
Total	11.8	11.8	11.8

Figure 1. Tanita MC980 appendicular SM vs. DXA LST. The line of identity is shown in the figure.

Validation papers are available on request.

Levels of Accuracy

How does BIA technology work?

Bioelectrical Impedance Analysis is a technique used for estimating body composition. All Tanita body composition monitors use advanced Bioelectrical Impedance Analysis technology. When you stand on a Tanita monitor, a very low, safe electrical signal is sent from four metal electrodes through your feet to your legs and abdomen to produce whole body composition measurements. In segmental models, the four hand-held electrodes will provide extra readings for each leg, arm and abdominal area.

The electrical signal passes quickly through water that present in hydrated muscle tissue but meets resistance when it hits fat tissue. This resistance, known as impedance, is measured and input into scientifically validated Tanita equations to calculate body composition measurements in under 20 seconds.

Further detailed information on the benefits of BIA technology in the measurement of body fat can be found at www.tanita.eu

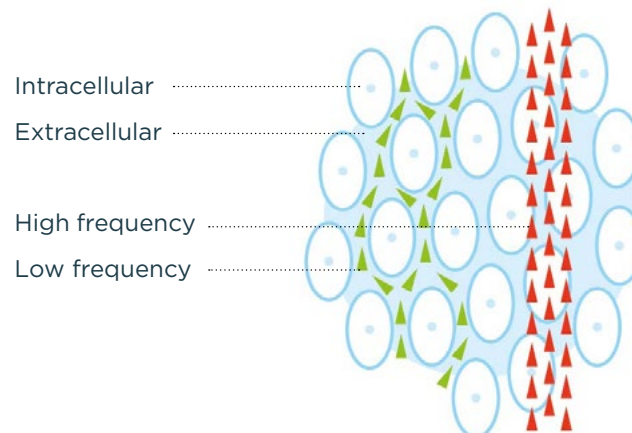


Multi frequency BIA technology

Tanita Multi-Frequency Monitors are able to measure bioelectrical impedance analysis at three, five or six different frequencies. The additional frequencies provide an exceptional level of accuracy compared to single and dual frequency monitors. The lower frequencies measure the impedance external to the cell membrane.

The higher frequencies are able to penetrate 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. This information is essential for providing the health status of a person and indicating health risks such as severe dehydration or oedema.



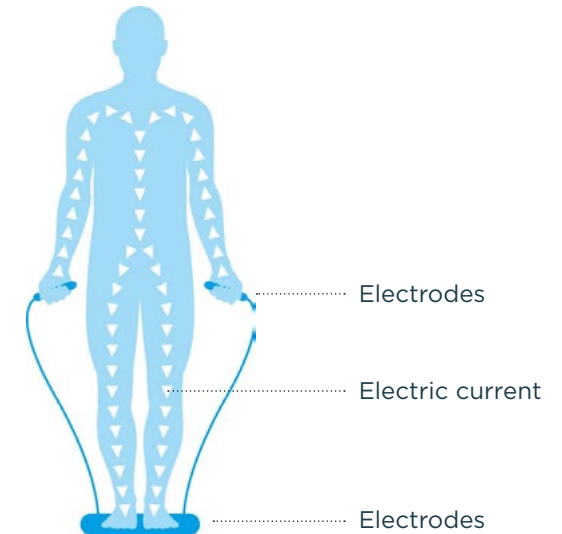
Dual frequency BIA technology

Tanita body composition monitors with Advanced Dual Bioelectrical Impedance Analysis Technology use two different frequencies to capture your body composition data. By using different frequencies, a higher accuracy of measurements can be achieved.



Single frequency BIA technology

Tanita body composition monitors with Single frequency Bio-electrical Impedance Analysis Technology use a single frequency to capture body composition data.



Levels of Personalisation



Segmental Personalisation

Segmental Body Composition Measurements is the highest level of personalised assessment available.

In addition to whole body measurements, the Tanita Segmental Monitor will assess impedance of each arm, leg and trunk area independently. This allows an additional layer of information about a person's health and fitness status including segmental body water and fat free mass.

This information can be used to identify specific anomalies in body composition such as oedema in the legs or swimmers having higher upper body muscle mass. More importantly, segmental body composition analysis allows even the smallest changes in body composition to be identified and monitored over time giving a precise picture of overall health.



Whole Body Personalisation

Using Advanced Dual or Single BIA technology, Tanita Body Composition Monitors can provide instant whole body measurements.

This includes body fat, fat mass, fat free mass, muscle mass, total body water, bone mass, BMR, metabolic age and visceral fat level. Further analysis of healthy ranges for these parameters are also available providing an excellent overview of a person's health and fitness status



Information Output



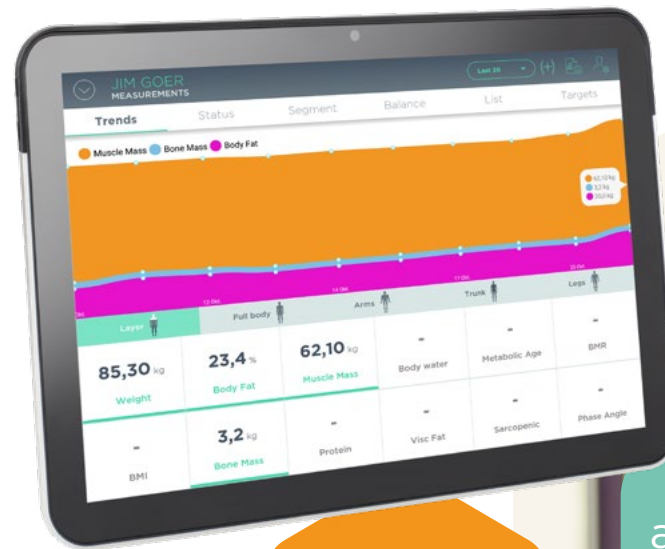
Giving **your business** the competitive edge

You help your clients to achieve better results and greater success than they could alone - the Tanita pro app does the same for your business.

Your professional relationship with clients is built on support, understanding, dedication and a personalised approach. Tanita can help you add to that by giving your clients more; more data, more in-depth analysis, more knowledge of their own health and fitness.

By accessing their body composition data on the Tanita pro app, you have the facts at your fingertips; clear on-screen analysis helps you to show clients the progress they are making and the impact of their hard work. Then email them their results to keep them motivated between appointments.

What's more, it means you have the data for all your clients in one place, no matter where you are training, and group data analysis for those following a particular programme or diet will help you hone your approach and build on success.



Flexible, mobile and easy to use

For use across the **Tanita professional range** including the MC 780

Download and use **FREE for up to 10 clients**

Grow your client base and access our cost-effective packages for up to 200, 1000 and unlimited client lists

Compatible with any tablet





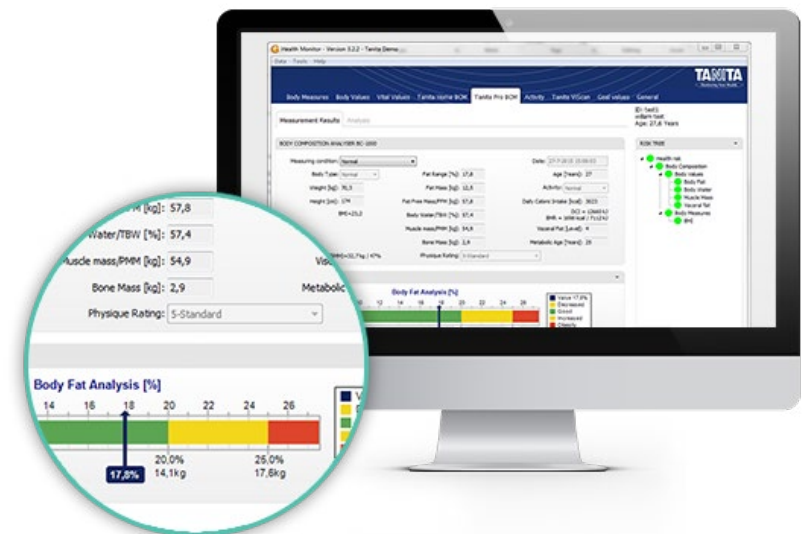
Tanita Pro Software Information Output

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

The software captures data from Tanita Body Composition Analysers, ERKA blood pressure monitor and Activity Monitors, transfers it 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 Analyser, 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-360, DC-430 MA and SC-240 MA



Body Composition Measurements



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 total weight



Muscle Mass

The predicted weight of muscle in your body including skeletal muscles, smooth muscles and the water contained within your muscles



Physique Rating

Assesses your physique according to the ratio of body fat and muscle mass in the body



Daily Caloric Intake

Estimate of calories you can eat in 24 hours to maintain current weight



BMR (Basal Metabolic Rate)

Number of calories your body needs at rest



Metabolic Age

Age level your body is rated at, according to your BMR



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 score indicates 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 height and then the amount is classified.



Body Mass Index

Indicates the relationship between your height and weight



Phase Angle

Phase angle is an indicator of cellular health and integrity.



ICW

Intracellular Water is the fluid found inside cells. Usually 40% of your body weight is intracellular water.



ECW

Extracellular Water is the body fluid found outside of cells.



Protein

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

%Total Body Water

Female 45% to 60%
Male 50% to 65%
Athletic Body Types
 5% higher than adult range

Visceral Fat

Healthy level rating (1 - 12)
Excess level rating (13 - 59)

Healthy Body Fat Range %

	Underfat	Healthy	Overfat	Obese
Female Age				
20 - 39	0% - 21%	21% - 33%	33% - 39%	39%+
40 - 59	0% - 23%	23% - 34%	34% - 40%	40%+
60 - 99	0% - 24%	24% - 36%	36% - 42%	42%+
Male Age				
20 - 39	0% - 8%	8% - 19%	19% - 25%	25%+
40 - 59	0% - 11%	11% - 21%	21% - 28%	28%+
60 - 99	0% - 13%	13% - 25%	25% - 30%	30%+

BMI

Healthy range
 18.5 - 25

Muscle Mass Score

Muscle mass is judged calculating the amount of muscle mass against the person's height and then the amount is classified.



Muscle Quality Score

Male (age ranges)	18-29	30-39	40-49	50-59	60-69	70-79	> 80
High	> 74	> 73	> 70	> 64	> 56	> 46	> 39
Standard	49-73	47-72	44-69	39-63	33-55	25-45	21-38
Low	< 48	< 46	< 43	< 38	< 32	< 24	< 20
Female (age ranges)	18-29	30-39	40-49	50-59	60-69	70-79	> 80
High	> 68	> 70	> 69	> 67	> 61	> 54	> 50
Standard	48-67	48-69	45-68	41-66	34-60	26-53	22-49
Low	< 47	< 47	< 44	< 40	< 33	< 25	< 21

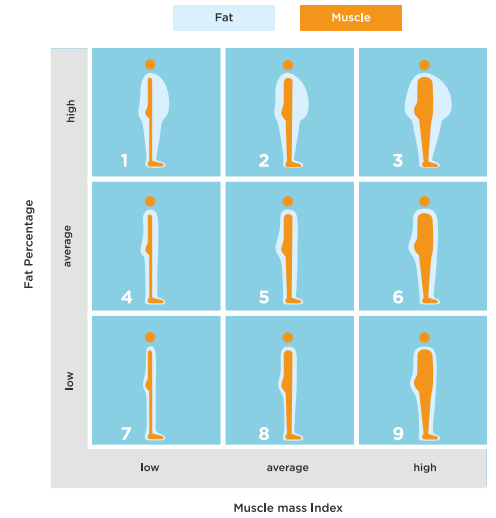
Bone Mass

Female Weight **Healthy BM weight**
 less than 50kg 1.95kg
 between 50kg - 75 kg 2.40kg
 over 76 kg 2.95kg

Male Weight **Healthy BM weight**
 Less than 65kg 2.65kg
 between 65kg - 95kg 3.29kg
 over 95kg 3.69kg

Physique Rating

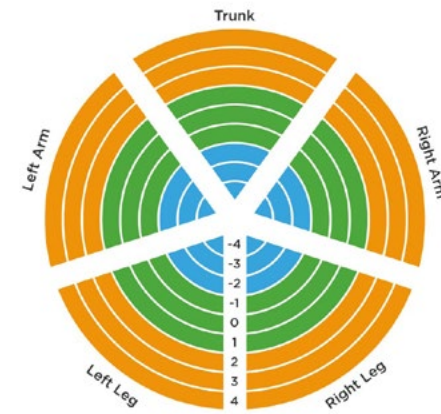
Result	Physique Range	Explanation
1	Hidden Overfat	High body fat % with low muscle mass
2	Medium Frame Overfat	High body fat %, moderate muscle mass
3	Solidly Built	Large frame, high body fat % & muscle mass
4	Low Muscle	Average body fat % & low muscle mass
5	Standard	Average levels of body fat % & muscle mass
6	Muscular	Average body fat % & high muscle mass
7	Low Muscle & Underfat	Low body fat % & low muscle mass
8	Thin & Muscular (Athlete)	Low body fat % & adequate muscle mass
9	Very Muscular (Athlete)	Low body fat % & high muscle mass



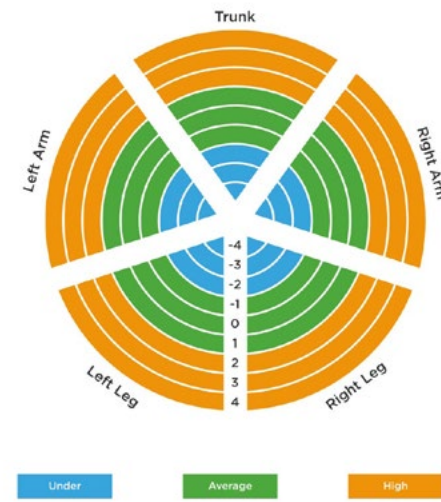
Segmental Measurements

8-electrode segmental technology to show body composition measurements for each arm, leg and trunk area.

Segmental fat analysis



Segmental muscle analysis





MC-980 MA PLUS

Segmental Multi Frequency
Body Composition Analyser
with touchscreen display and
Windows® OS

The MC-980 MA PLUS is the ultimate tool in providing fast in-depth information for truly personalised medical, health and fitness consultations. Incorporating the latest multi-frequency BIA technology with the flexibility of in-built Microsoft® Windows® real time OS software, this monitor provides fast, convenient and accurate information. The MC-980 MA PLUS provides a full medical grade body composition analysis in less than 30 seconds and has an easy-to-follow colour interactive touch screen display.



MC-980 MA PLUS

LEVEL OF ACCURACY

- ACCURACY GRADE: NAWI Class III, MDD Class II-a.

LEVEL OF PERSONALISATION

- Full segmental body composition analysis provided in 30 seconds using clinically accurate Tanita Multi Frequency BIA Technology.
- Interactive, touch screen display allows clients to take measurement without specialist assistance.

INFORMATION OUTPUT

- Software and detailed consultation sheets available in 14 languages.
- In-built Microsoft® Windows® real time OS allows client data to be automatically stored, managed and output. Windows 8 upgrade.
- USB ports allow simple data input/output and accessories to be connected including printers, bar code scanners and data capture devices.
- Tanita PRO Software compatible, allowing trend analysis, health risk assessments and full data management.

OTHER FEATURES

- Max weight capacity 300kg with 100g accuracy
- **NEW** colour options; champagne gold and ruby red.
- **NEW:** Sarcopenia index included (for indepth assessment of elderly health)

Technical Specification

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Approved Usage	MDD approved for medical use
Age Range	5 - 99 years
Weight Capacity	300 kg
Graduation	0.1kg
Product Dimensions	450 x 490 x 1240 mm
Product Weight	33 kg
Power Source	230V
Interface	3 x USB



MC-980 MA PLUS

MC 980 MA PLUS print out

Total Body Measurements

- Weight
- BMI
- Body Fat %
- Visceral Fat Indicator
- Fat Mass
- Fat Free Mass
- Muscle Mass
- Protein kg
- 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 Mineral Mass Indicator
- Metabolic Age
- Physique Rating
- Sarcopenia Index *new*

Segmental Measurements

- Segmental Body Fat %
- Segmental Body Fat kg
- Segmental Fat Distribution Analysis
- Segment Fat Distribution Rating
- Segmental Muscle Mass Kg
- Segmental Muscle Mass Rating
- Segmental Muscle Mass Balance
- Leg Muscle Score
- Segmental Reactance/Resistance
- Segmental Phase Angle

Compatible Software

TANITA
PRO

MADE IN
JAPAN

5 YEAR
GUARANTEE



MC-780 MA

Multi frequency Segmental Body Composition Analyser with interactive display console and in-built SD card facility

The MC-780 MA has been designed to be an interactive stand-alone unit where clients can step on and take a measurement without specialist assistance. A full segmental body composition analysis is performed in less than 20 seconds.

The large LED dual display shows whole body composition measurement data and detailed segmental analysis in an easy-to-read illustrative format.



MC-780 MA S



MC-780 MA P

LEVEL OF ACCURACY

- ACCURACY GRADE: NAW: Class III, MDD: Class IIa.

LEVEL OF PERSONALISATION

- Full and fast segmental body composition analysis using clinically accurate multi frequency BIA technology.
- Certified for medical consultations.

INFORMATION OUTPUT

- In-built SD card facility allows data to be automatically collected and downloaded at convenience
- Client Identity feature allows continuous data to be collected for each client effortlessly. Also allows large anonymous data sets to be collated for research studies
- USB Connection
- Display console can be reversed for confidential readings with children or when large obese clients step on
- Output to any Pictbridge printer for a detailed client consultation sheet allowing a full client assessment.

OTHER FEATURES

- Lightweight, easy to disassemble and transport
- Easy to use interactive display allows free standing use
- High weighing capacity 270kg
- Optional accessory; wireless Bluetooth compatible Parani

Technical Specification

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Approved Usage	MDD approved for medical use
Age Range	5 - 99 years
Weight Capacity	270kg
Graduation	0.1kg
Product Dimensions	(P) 360 x 360 x 1165mm (S) 360 x 360 x 1165mm
Product Weight	(P) 22kg (S) 15.5kg
Power Source	AC 100 - 240V
Interface	RS232, USB, SD CARD



MC-780 MA print out



MC-780 MA P

Total Body Measurements

- Weight
- BMI
- Body Fat %
- Visceral Fat Indicator
- 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 Mineral Mass Indicator

Segmental Measurements

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

Compatible Software

TANITA
PRO

MADE IN
JAPAN

5 YEAR
GUARANTEE



DC-430 MA

Dual Frequency Body Composition Monitor with Integrated Printer

Featuring Dual Frequency BIA technology, the DC-430 MA delivers full body composition analysis in 15 seconds. Results are instantly shown on the easy-to-read LCD screen and the integrated printer automatically prints the body composition measurements together with a top line analysis.

For large data collection and convenience, all data can be stored on the SD Card for future use. Combined with Tanita PRO Software, the DC-430 MA allows you to conduct client trend analysis, health risk assessments and full data management. In addition, the DC-430 MA has been accredited with the accuracy grade MDD Class II-a and NAWI Class III allowing use for medical consultations.



DC-430 MA S

DC-430 MA P

LEVEL OF ACCURACY

- ACCURACY GRADE: MDD Class II-a, NAWI Class III

LEVEL OF PERSONALISATION

- Full body composition analysis provided in 20 seconds using clinically accurate Tanita Dual Frequency BIA Technology
- Certified for medical consultations

INFORMATION OUTPUT

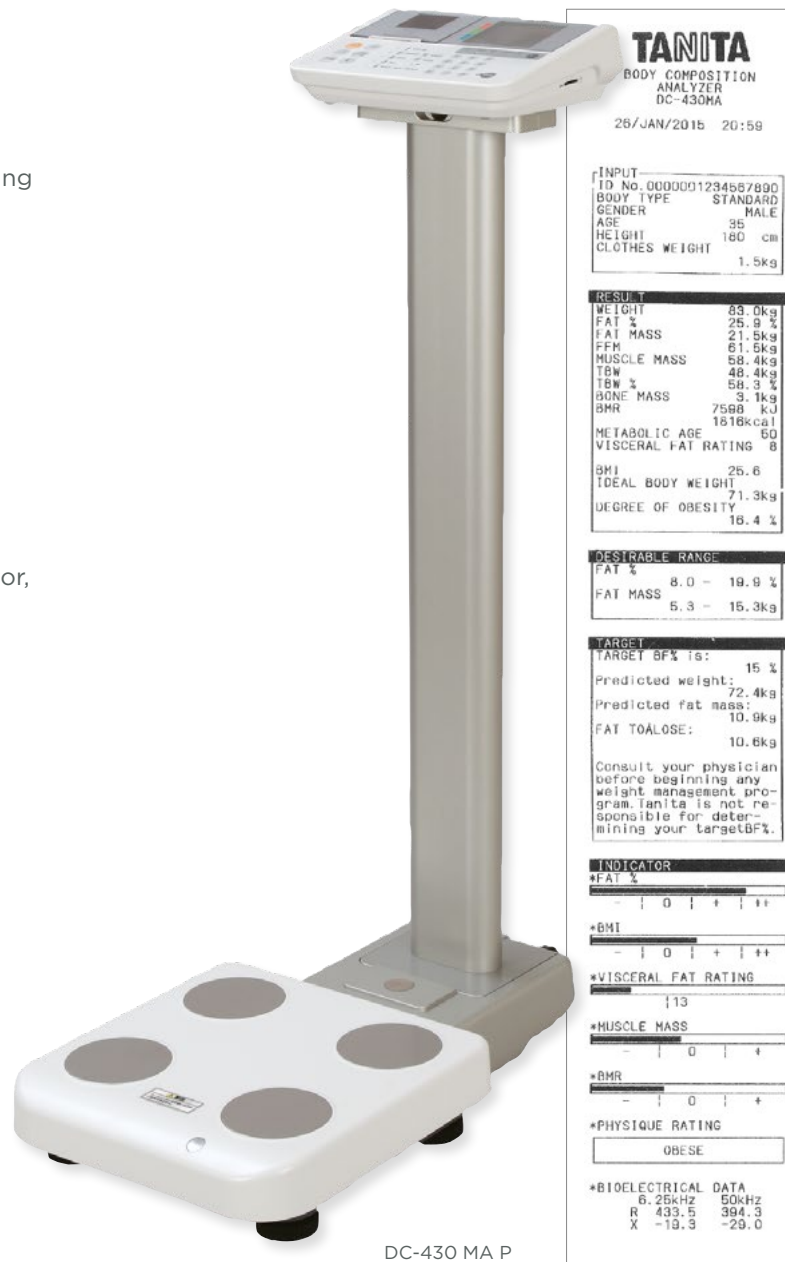
- Integrated printer prints instant read out of results with topline analysis.
- Results automatically stored on the SD Card, sent to a PC or printed.
- Tanita PRO Software compatible, allowing trend analysis, health risk assessments and full data management.
- Print Out Analysis: Body Fat Analysis, Muscle Mass Indicator, BMR Indicator, Physique Rating, Target: BF and Weight

OTHER FEATURES

- Max weight capacity 270kg with 100g accuracy

TECHNICAL SPECIFICATION

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Age Range	5 - 99 years
Weight Capacity	270kg
Graduation	100g
Product Dimensions	(P) 360 x 360 x 1070 (S) 360 x 360 x 94
Product Weight	(P) 13.5kg (S) 7kg
Power Source	AC 100 - 240V
Interface	RS232, USB, SD CARD



TANITA

BODY COMPOSITION ANALYZER
DC-430MA

26/JAN/2015 20:59

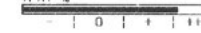
INPUT
ID No. 0000001234567890
BODY TYPE STANDARD
GENDER MALE
AGE 35
HEIGHT 180 cm
CLOTHES WEIGHT 1.5kg

RESULT
WEIGHT 89.0kg
FAT % 25.9 %
FAT MASS 21.5kg
FFM 61.5kg
MUSCLE MASS 58.4kg
TBW 48.4kg
TBW % 58.3 %
BONE MASS 3.1kg
BMR 7568 kJ
1818kcal
METABOLIC AGE 60
VISCERAL FAT RATING 8
BMI 25.6
IDEAL BODY WEIGHT 71.3kg
DEGREE OF OBESITY 18.4 %

DESIRED RANGE
FAT % 8.0 - 19.9 %
FAT MASS 5.3 - 15.3kg

TARGET
TARGET BF% is: 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 %



*BMI



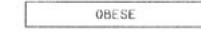
*VISCERAL FAT RATING



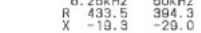
*MUSCLE MASS



*BMR



*PHYSIQUE RATING



*BIOELECTRICAL DATA
6.25kHz 50kHz
R 433.5 394.3
X -19.9 -29.0

Measurements

- Body fat %
- Fat mass kg,
- Fat free mass kg
- Muscle mass kg
- Total Body Water %
- Body mass index
- Bone mass kg
- Physique rating
- Visceral fat rating
- Basal Metabolic Rate kcal
- Basal Metabolic Rate indicator
- Metabolic Age
- Print Out Analysis:
 - Body Fat Analysis
 - Muscle Mass Indicator
 - BMR Indicator
 - Physique Rating
 - Target: BF and Weight

Accessories



TP 301 Paper Rolls



Bluetooth wireless connection Parani

Compatible Software

TANITA
PRO



5 YEAR
GUARANTEE



DC-360

Dual Frequency Body Composition Monitor with Integrated Printer

Featuring Dual Frequency BIA technology, the DC-360 delivers full body composition analysis in 20 seconds. Results are instantly shown on the easy-to-read LCD screen and the integrated printer automatically prints the body composition measurements together with a top line analysis.

The robust, low profile platform provides additional client stability. For large data collection and convenience, all data can be stored on the SD Card for future use. Compatible with Tanita PRO Software, the DC-360 allows client trend analysis, health risk assessments and full data management.



DC-360

LEVEL OF PERSONALISATION

- Full body composition analysis provided in 20 seconds using clinically accurate Tanita Dual Frequency BIA Technology

INFORMATION OUTPUT

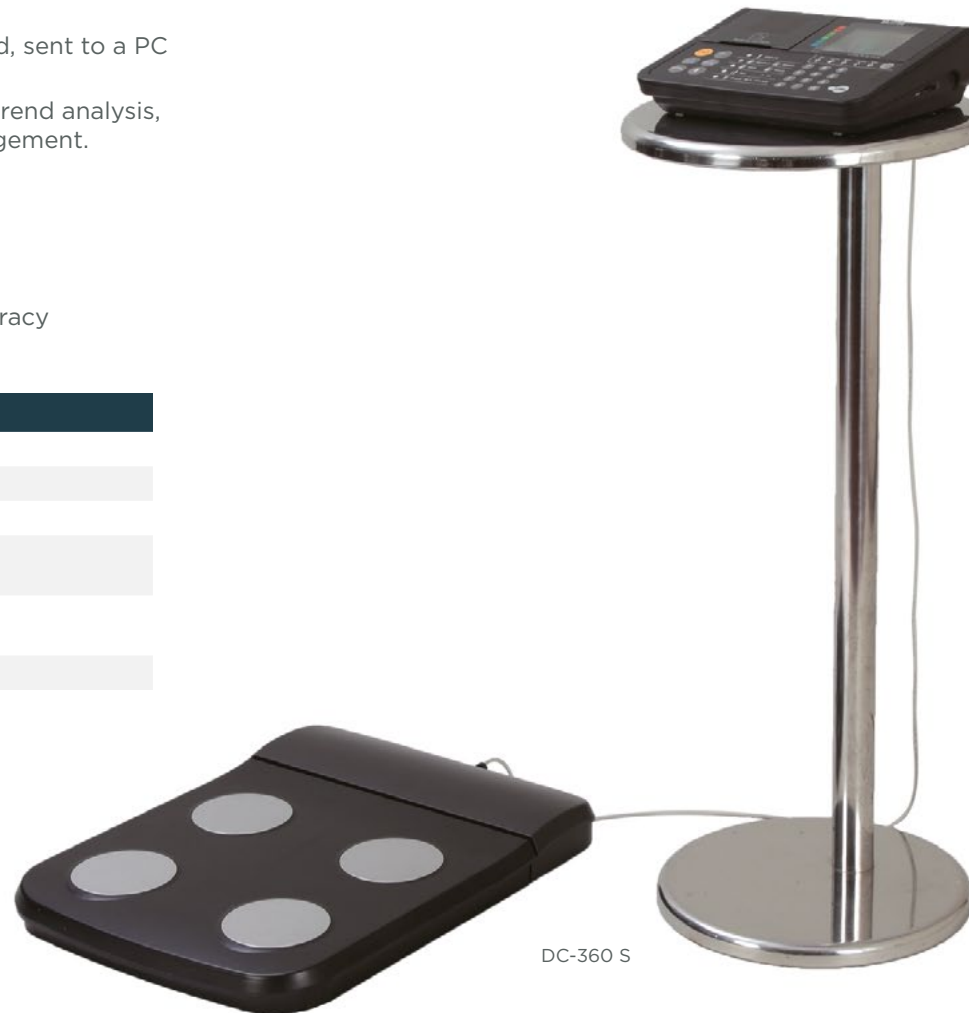
- Integrated printer provides instant read out of results with topline analysis.
- Results automatically stored on the SD Card, sent to a PC or printed.
- Tanita PRO Software compatible, allowing trend analysis, health risk assessments and full data management.

OTHER FEATURES

- Low profile platform for additional stability
- Max weight capacity 270kg with 100g accuracy

TECHNICAL SPECIFICATION

Age Range	5 - 99 years
Weight Capacity	270kg
Graduation	100g
Product Dimensions	(P) 360 x 360 x 1070 (S) 360 x 360 x 94
Product Weight	(P) 13.5kg (S) 7kg
Power Source	AC 100 - 240V
Interface	RS232, USB, SD CARD



Measurements

- Body fat %
- Fat mass kg,
- Fat free mass kg
- Muscle mass kg
- Total Body Water %
- Body mass index
- Bone mass kg
- Physique rating
- Visceral fat rating
- Basal Metabolic Rate kcal
- Basal Metabolic Rate indicator
- Metabolic Age
- Print Out Analysis:
 - Body Fat Analysis
 - Muscle Mass Indicator
 - BMR Indicator
 - Physique Rating
 - Target: BF and Weight

Accessories



TP 301
Paper Rolls



Bluetooth wireless
connection Parani

Compatible Software

TANITA
PRO



**5 YEAR
GUARANTEE**



SC-240 MA

Single frequency Portable Body Composition Analyser

The SC-240 MA is the lightest medically approved body composition monitor on the market, weighing just 4.7kg. It has been developed with input from healthcare, fitness and weight management professionals and its portability makes it ideal for mobile consultations, community work or field research studies.

When used with Tanita PRO Software, the SC-240 MA can be automatically set-up for personalised patient studies, capturing measurements and trend results in a variety of reporting formats.



SC-240 MA

LEVEL OF ACCURACY

- ACCURACY GRADE: NAWI Class III, MDD Class II-a

LEVEL OF PERSONALISATION

- Full body composition analysis provided in 15 seconds using clinically accurate Tanita BIA Technology
- Certified for medical consultations

INFORMATION OUTPUT

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

OTHER FEATURES

- Lightweight and highly portable (4.7kg) perfect for field studies, mobile and community assessments
- Low profile platform for additional stability

TECHNICAL SPECIFICATION

Accuracy Grade	MDD CLASS II-a, NAWI CLASS III
Age Range	5 - 99 years
Weight Capacity	200kg
Graduation	100g
Product Dimensions	340 x 440 x 65 mm
Product Weight	4.7kg
Power Source	9 V Adaptor or 6 x AA Batteries
Interface	USB



SC-240 MA

Measurements

- Weight
- Body fat %
- Body water %
- BMI

Measurements only available via software

- Body Fat %
- BMI
- Fat Mass
- Fat Free Mass
- Body Water %
- Body Water Mass
- Muscle Mass
- Bone Mineral Mass
- Visceral Fat Level
- Basal Metabolic Rate
- Metabolic Age

Compatible Software

TANITA
PRO



**5 YEAR
GUARANTEE**

Accessories



C-360

Padded Case with Wheels and Telescopic handle

- Compatible with DC-360 portable
- Trolley Bag with wheels and pull up handle.
- Dimensions (inc wheels): H:69 x L:43.5 x W:20 cm



C-430

Padded Case with Wheels and Telescopic handle

- Compatible with Tanita DC-430
- Dimensions (inc wheels): H:54 x L:39 x W: 19.5 cm



C-780

Padded Case with Wheels and Telescopic handle

- Compatible with MC-780 MA portable
- Padded Case with Wheels and Telescopic handle
- Padded interior for safe storage and handy internal pockets.
- Dimensions (incl wheels): H:69 x L:43.5 x W:27 cm



C-300 CH

Padded Case with Wheels and Telescopic handle

- Compatible with Multiple Tanita products.
- Suitable for BC420SMA, SC240, SC330S and WB-380.
- Total Handle Length - 830 mm.
- Dimensions (inc wheels): 470 x 410 x 245 mm.



Bluetooth Adapter

- Bluetooth adapter to wirelessly connect Tanita Professional devices

Leasing possibilities

Tanita now offers favourable leasing contracts for professional equipment. We offer 3 or 5 year leasing contracts with a possible “buying” option.


All we need to be able to help you to expand your business is:

- Company name and country
- Your name, email and title
- Chamber of Commerce number
- Your (business) phone number

Please choose your plan

We'll get in contact with a detailed personal offer within 48 hours

MC-980MA PLUS | €15,544.92



5 YEAR GUARANTEE

Select duration of lease

3 years | 570.15 p/m

Email address

Organization

Telephone number

Chamber of Commerce no

Full name

SEND REQUEST





Sports performance

Tanita BIA technology is increasingly being used to assess elite athletes in order to achieve peak performance.

Body Composition Measurements

Body composition measurements can be used to supply personalised player information relevant to different specialist units within the sport performance teams including:

- Biomechanics
- Sports nutrition
- Sports science
- Physiotherapy
- Medical unit
- Fitness coach
- Strength and conditioning
- Rehab and pre-rehab

Using The Data

This data can be used to optimise player assessments and treatments:

- Monitor optimal conditioning of players at peak times of the season
- Track long term changes in overall physique and body composition year-on-year
- Track youth development and physiological changes before, during and after training programmes or season
- Assist in injury prevention by monitoring muscle balance as part of the biomechanical assessment
- Assist in the rehabilitation post injury by assessing muscle development segmentally and comparing data against peak personal player data
- Monitor extracellular and intracellular hydration status to ensure optimal training and nutritional state, this is especially important during seasonal changes
- Profile new players as part of initial medical assessment
- Monitoring, tracking and sharing of data with third parties and potential buyers for player profiling

A woman with dark hair tied back, wearing a black sports bra and dark leggings, is leaning forward in a gym. She has a white towel draped over her left shoulder and is smiling warmly at the camera. The background is filled with out-of-focus gym equipment, including dumbbells and weight racks, under a cool blue light.

I AM STRONGER

BECAUSE I KNOW WHAT I AM MADE OF

For more information please contact:

Tanita Europe BV
Hoogoorddreef 56E
1101 BE AMSTERDAM
The Netherlands

+31 (0)20 560 29 70
info@tanita.eu

www.tanita.eu