

TANITA®

THE STANDARD

BC-418

SEGMENTAL BODY COMPOSITION ANALYZER



The industry's first **FDA Cleared** professional segmental body composition analyzer

Used extensively in clinical research, widely published results

Ideal for monitoring body balance and physical rehabilitation

EMR ready with straightforward digital outputs

On-board printing, no special/costly paper required

Wireless options include ANT and WiFi

BC-418

SEGMENTAL BODY COMPOSITION ANALYZER



The **FDA Cleared** BC-418 calculates regional body composition empowering healthcare professionals to better determine health risk associated with visceral and abdominal fat. Ordinary scales and/or calipers only provide weight or body fat%, but the BC-418 provides a complete print out of detailed body composition analysis- weight, body fat%, BMI, fat mass, fat free mass, and so much more- all without the traditional intrusive measurement methods.

The all-in-one compact column mount design with integrated printer makes the durable BC-418 ideal for use in small dedicated spaces by researchers, medical experts and fitness professionals. Dual hand grips enhance Tanita's ability to calculate body composition results in the trunk, as well as the lower and upper body extremities.

The BC-418 provides a significant improvement to the calculation of Basal Metabolic Rate. Instead of simply relying on weight, age and gender, Tanita's proprietary formula takes into account Fat Free Mass, providing a higher level of accuracy compared to current BMR formulas.

Features:

- ✓ The BC-418 calculates whole-body composition and quantifies the following body segments:
 - ✓ Trunk
 - ✓ Right Arm
 - ✓ Left Arm
 - ✓ Right Leg
 - ✓ Left Leg
- ✓ Multiple Modes of Operation
 - ✓ Weight only
 - ✓ Athlete
 - ✓ Goal setter

Specifications:

- ✓ Maximum Weight Capacity: 440 lb / 200 kg
- ✓ Minimum Weight Graduation: 0.2 lb / 0.1 kg
- ✓ Measurement System: **8-Electrode Bioelectrical Impedance Analysis**
- ✓ Computer Interface: Bi-directional RS-232C

Compatible With:

- ✓ Tanita Health Ware™ Software
- ✓ Tanita's WA-232 (accessory), RS-232 to ANT+ Radio Wireless Adapter

- ✓ Accurate Full Body Composition profile printed within seconds, includes:
 - ✓ Body Fat% ✓ Fat Mass
 - ✓ Fat Free Mass ✓ BMI
 - ✓ Patient Weight ✓ BMR
 - ✓ Total Body Water
- ✓ Body Fat Range: 1% to 75%
- ✓ Up to 300,000 uses before calibration
- ✓ Gives an instant printout of reading using integrated thermal printer
- ✓ Wireless options include: ANT and Wi-Fi

- ✓ Power Source: AC adapter (included)
- ✓ Weight of Equipment: 26.5 lb
- ✓ Weighing Platform Size: 13 x 14.7 x 3.5 in
- ✓ Height of Equipment: 32.5 in
- ✓ **3 Year warranty**

Optional Accessory:

- ✓ HR-200 Height Rod



Wirelessly transmit measurements to Tanita Health Ware™ software, then export to Excel or .csv data.

Sample Printout

BODY TYPE	STANDARD
GENDER	MALE
AGE	22
HEIGHT	5ft 8in
WEIGHT	177 lb
BMI	25.9
BMR	8138 kJ
FAT%	18.7%
FAT MASS	33 lb
FFM	144 lb
TBW	105.4 lb
DESIRABLE RANGE	
FAT%	8-20%
FAT MASS	12.5 - 36 lb

Segmental Analysis	
Right Leg	
Fat%	15.3%
Fat Mass	4.6 lb
FFM	25.6 lb
Predicted Muscle Mass	24.3 lb
Left Leg	
Fat%	15.7%
Fat Mass	4.6 lb
FFM	24.9 lb
Predicted Muscle Mass	23.8 lb
Right Arm	
Fat%	18.3%
Fat Mass	2.0 lb
FFM	8.4 lb
Predicted Muscle Mass	7.9 lb
Left Arm	
Fat%	18.8%
Fat Mass	2.0 lb
FFM	8.4 lb
Predicted Muscle Mass	7.9 lb
Trunk	
Fat%	
Fat Mass	20.0 lb
FFM	76.5 lb
Predicted Muscle Mass	73.6