

# DC-430U

## TOTAL BODY COMPOSITION ANALYZER



**FDA Cleared** Dual frequency bioelectric impedance provides enhanced analysis

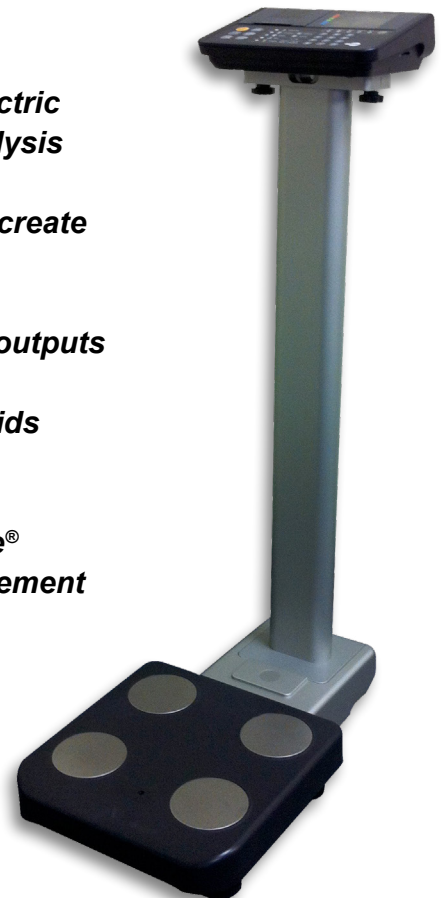
Available with a pedestal option to create a sophisticated clinical package

EMR ready with high-speed digital outputs

**FDA cleared** body fat analysis for kids age 5 - 17

Compatible with Tanita Health Ware® Software allowing database management and progress reports.

DC-430U



DC-430U  
with optional column kit

### Compatible With:

- ✓ Tanita Health Ware® Software
  - ✓ RS232 Bluetooth Radio Wireless Adapter
- Use for secure extended range up to 300 feet!**



Plugs into the USB in your computer



Plugs into the RS-232 port on the scale

### Optional Accessories:

- ✓ C-300 Carry Case
- ✓ C-700 Carry Case
- ✓ HR-200 Height Rod



# DC-430U

## TOTAL BODY COMPOSITION ANALYZER

# TANITA®

## THE STANDARD

The DC-430U incorporates the very latest in bioelectric impedance technology from the industry leader Tanita. Dual frequency testing provides an additional level of accuracy to our body composition analysis process. The DC-430U includes all the great features of earlier models including calculations for fat, muscle, bone, and water mass. Along with visceral fat, BMR, and a unique metabolic age assessment.

The versatility of the DC-430U allows it to be used for many applications. Weight loss & fitness settings, clinics & hospitals, research & university institutes, all can benefit from its unique **FDA cleared** technology. The DC-430U includes an exclusive kid's body fat analysis and judgment mode.

Using the USB or RS-232 data interface, users are able to program the DC-430U remotely as well as output the data for EMR applications. When paired with Tanita Health Ware® software, users are given the ability to scrutinize and graph the data, dissecting and contrasting body composition measurements to reveal genuine health and fitness levels. Measurements can be stored on an SD card.

### Example: Printout Adult 18+

**TANITA**  
BODY COMPOSITION  
ANALYZER  
DC-430U

12/FEB/2015 16:22

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INPUT

BODY TYPE	STANDARD
GENDER	MALE
AGE	46
HEIGHT	5ft 7.0in
CLOTHES WEIGHT	1.0lb

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RESULT

WEIGHT	151.4lb
FAT %	18.9 %
FAT MASS	28.6lb
FFM	122.8lb
MUSCLE MASS	116.6lb
TBW	87.8lb
TBW %	58.0 %
BONE MASS	6.2lb
BMR	6707 kJ 1603kcal
METABOLIC AGE	34
VISCERAL FAT RATING	7
BMI	23.7
IDEAL BODY WEIGHT	140.4lb
DEGREE OF OBESITY	7.8 %

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DESIRABLE RANGE

FAT %	11.0 - 21.9 %
FAT MASS	15.2 - 34.4lb

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INDICATOR

\*FAT %

- | 0 | + | ++

\*BMI

- | 0 | + | ++

\*VISCERAL FAT RATING

| 13

\*MUSCLE MASS

- | 0 | +

\*BMR

- | 0 | +

\*PHYSIQUE RATING

STANDARD

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\*BIOELECTRICAL DATA

6.25kHz	50kHz
R 527.6	459.0
X -31.5	-43.8

### Example: Tanita Health Ware® Software Adult 18+ Body Composition printout

**TANITA**  
Monitoring Your Health

**Tanita Health Ware® Software Scale Measurement**

Name: Craig      Age/Gender: 38 Male      Date/Time: 3/19/15 3:37 PM  
Height: 5-7.0 ft-in      Analyzer: DC-430U

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Results

Weight	202.4 lb
Body Mass Index (BMI)	31.7
Body Fat %	21.5 %
Body Fat Mass	43.6 lb
Body Fat Range	Overfat
Fat Free Mass	158.8 lb
Visceral Fat Rating	9
Body Water %	54.8 %
Body Water Mass	111.0 lb
Muscle Mass/Score	151.0 lb    Score High
Bone Mass	7.8 lb
Basal Metabolic Rate Score	2113 kcal    Score Average
Metabolic Age	38.0 yrs
Daily Calorie Intake	4437 kcal
Physique Rating	3-Solidly-Built

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Desirable

Weight	118.2 - 159.0 lb
Body Fat %	8.0 - 19.9 %
Body Fat Mass	13.8 - 39.4 lb
Body Mass Index (BMI)	18.5 - 24.9

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Last 60 Days

Weight (lb)

Body Fat (%)

Body Water (%)

Body Water (%)

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Analysis

Body Mass Index (BMI)

31.7

Body Fat (%)

21.5

Body Water (%)

54.8

Visceral Fat Rating

9

Physique Ratings

3-Solidly-Built

Bone Mass Ranges

Class	Weight Range	Bone Mass Range
Low	110 - 140 lb	4.0 - 5.0 lb
Normal	140 - 170 lb	5.0 - 6.0 lb
High	170 - 200 lb	6.0 - 7.0 lb

### Features:

✓ Results in 20 seconds with readings for:

- Weight
- Impedance
- Body Fat %
- Fat Mass
- Fat Free Mass
- Metabolic Age\*
- BMR\*
- Muscle Mass\*
- Visceral Fat Rating\*
- Physique Rating\*
- BMI
- Bone Mass\*
- Total Body Water %\*
- Total Body Water Mass\*

\*Available only for Adults 18-99

- ✓ Export data using the USB & RS-232 interface
- ✓ Built-in SD card facility automatically collects data
- ✓ Age Range: 5 - 99 years
- ✓ Multiple Modes
  - Weight Only Mode
  - Athlete Mode
  - Goal Setter Mode
  - Wrestler Mode

- ✓ User Friendly LED Lamp Navigation
- ✓ Dual frequency 6.25kHz and 50kHz
- ✓ Compatible with Tanita Health Ware® Software

### Specifications:

- ✓ **Weight Capacity:** 600 lb (270 kg)
- ✓ **Weight Graduation:** 0.2 lb / 100g
- ✓ **Output Data Interface:** USB (Type-B), RS-232
- ✓ **Power Source:** 7V (AC Adapter)(Included)
- ✓ **4 Year Warranty**

**TANITA**  
Monitoring Your Health