iHealth®

iHealth Vista

Wireless Body Analysis Scale

OWNER'S MANUAL

TABLE OF CONTENTS

INTENDED USE

The iHealth Vista Wireless Body Analysis Scale is a precision electronic instrument intended for adult use. The Scale utilizes full electronic methodology and pressure sensors to non-invasively measure body composition components automatically. The measurements are displayed and stored on an iPod touch, iPhone, or iPad with a date and time stamp.

IMPORTANT NOTE FOR USERS

Pregnant women need to consult their healthcare provider before use. Some physical conditions could affect hydration levels that may lead to inaccurate results. Please consult your healthcare provider for more information.

Always store the iHealth Vista Wireless Body Analysis Scale in a dry place. To ensure accurate results, keep the Scale away from magnetic fields as these may adversely affect results or possibly damage the Scale.

CONTRAINDICATION

Never use this product in combination with medical electronic devices such as:

⚠(1) Medical electronic implants such as pacemakers.

⚠(2) Electronic life support systems such as artificial heart/lungs.

⚠(3) Portable electronic medical devices such as electrocardiographs.

This product could cause these devices to malfunction posing a considerable health risk to users of these devices.

OFFLINE MEMORY

The Scale can store up to 200 weight results for each user. When each user's memory is full, any new measurements will overwrite the oldest ones.

SPECIFICATIONS

1. Product name: iHealth Vista Wireless Body Analysis Scale
2. Model: HS5
3. Classification: internally powered, type BF applied part (four electrodes)
4. Power: 4×1.5V ⎓ AA alkaline batteries
   Battery life: approx. 3 months with daily usage
5. Measurement range:
   Body Weight: 11 lb-330 lb/5 kg-150 kg
   Body Fat: 5.0%-65.0%
   Humidity: 20 - 85%RH
   Scale resolution:0.2lb/0.1kg
6. Accuracy:
   Body Weight: ±1.1 lb/0.5 kg(5 kg-40 kg / 11-88 lb);
   ±1%+ 0.2 lb / 0.1 kg(40 kg-150 kg / 88-330 lb)
   Body Fat: ±1%
7. Operating temperature: 10℃ - 35℃(50° F-95° F)
8. Operating humidity: 20 - 85%RH
9. Storage and transport temperature: -20℃ - 60℃(-4° F-140° F)
10. Storage and transport humidity:10 - 95%RH

GENERAL SAFETY AND PRECAUTIONS

1. Do not use the Scale on an uneven floor, a soft surface or a carpet as doing so may result in unreliable data.
2. This Wireless Body Analysis Scale is designed for adults. Infants or young children or any person who cannot stand still without assistance, should not use it.
3. Avoid using this Scale near strong magnetic fields, such as microwave ovens, etc.
4. The Scale will maintain its safety and performance features for at least 10,000 measurements or two years of use.
5. This device complies with part 15 of the FCC Rules. Its operation is subject to the following two conditions:
(1) this device may not cause harmful interference, and
(2) this device must accept any interference received, including interference that may cause undesired operation.
Cet appareil est conforme à la section 15 des réglementations de la FCC. Le fonctionnement de l'appareil est sujetaux deux conditions suivantes :
(1) cet appareil ne doit pas provoquer d'interférences néfastes, et
(2) cet appareil doit tolérer les interférences reçues, y compris celles qui risquent de provoquer un fonctionnement indésirable.
6. Changes or modifications not expressly approved by iHealth Lab Inc. invalidate the user's warranty for this equipment.
7. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
—Reorient or relocate the receiving antenna.
—Increase the separation between the equipment and receiver.
—Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
—Consult the dealer or an experienced radio/TV technician for help.
8. Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
9. ⚠This device complies with Industry Canada license-exempt RSS standard(s). Operation is subject to the following two conditions:
(1) this device may not cause interference, and
(2) this device must accept any interference, including interference that may cause undesired operation of the device.
Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radioexempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et

(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

10. Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvé pour l'émetteur par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'intention des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (p.i.r.e.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

11.Guidance and manufacturer's declaration - electromagnetic emissions - for all ME EQUIPMENT and ME SYSTEM.

Table 1:Guidance and manufacturer's declaration – electromagnetic emissions

The HS5 is intended for use in the electromagnetic environment specified below. The customer or the user of the HS5 should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment - guidance
RF emissions CISPR 11	Group 1	The HS5 uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment
RF emissions CISPR 11	Class B	The HS5 is suitable for use in all establishments, including domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	Not applicable	
Voltage fluctuations/ Flicker emissions IEC 61000-3-3	Not applicable	

Guidance and manufacturer's declaration - electromagnetic immunity - for all ME EQUIPMENT and ME SYSTEM.

Table 2:Guidance and manufacturer's declaration – electromagnetic immunity

The HS5 is intended for use in the electromagnetic environment specified below. The customer or the user of the HS5 should assure that it is used in such an environment.

Immunity test	IEC 60601 Test level	Compliance level	Electromagnetic environment - guidance
Electrostatic Discharge(ESD) IEC 61000-4-2	±6 kV contact ±8 kV air	±6 kV contact ±8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30%.
Power frequency (50/60Hz) magnetic field IEC 61000-4-8	3A/m	3A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment
Note: U_T is the a.c. mains voltage prior to application of the test level.			

Guidance and manufacturer's declaration – electromagnetic immunity for ME EQUIPMENT and ME SYSTEM that are not LIFE-SUPPORTING.

Table 3: Guidance and manufacturer's declaration – electromagnetic immunity

The HS5 is intended for use in the electromagnetic environment specified below. The customer or the user of

the HS5 should assure that it is used in such an environment.			
Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment-guidance
Radiated RF IEC 61000-4-3	3 Vrms 80MHz to 2.5GHz	3V/m	Portable and mobile RF communications equipment should be used no closer to any part of the SYSTEM, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. Recommended separation distance $d = [\frac{3.5}{V_1}]\sqrt{P}$ $d = [\frac{3.5}{E_1}]\sqrt{P}$ 80MHz to 800MHz $d = [\frac{7}{E_1}]\sqrt{P}$ 800MHz to 2.5GHz Where *P* is the maximum output power rating of the transmitter in watts(W) according to the transmitter manufacturer and *d* is the recommended separation distance in metres (m). Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. Interference may occur in the vicinity of equipment marked wigh the following symbol: 

Recommended separation distances between portable and mobile RF communications equipment and the ME EQUIPMENT and ME SYSTEM – for ME EQUIPMENT and ME SYSTEM that are not LIFE-SUPPORTING.

Recommended separation distances between portable and mobile RF communications equipment and the HS5			
The HS5 is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the HS5 can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the HS5 as recommended below, according to the maximum output power of the communications equipment.			
Rated maximum output power of transmitter W	Separation distance according to frequency of transmitter m		
	150kHz to 80 MHz	80MHz to 800MHz	800MHz to 2.5GHz

	$d = [\frac{3.5}{V_1}]\sqrt{P}$	$d = [\frac{3.5}{E_1}]\sqrt{P}$	$d = [\frac{7}{E_1}]\sqrt{P}$
0.01	0.12	0.12	0.23
0.1	0.38	0.38	0.73
1	1.2	1.2	2.3
10	3.8	3.8	7.3
100	12	12	23

12.After the laboratory measurement, the max SAR value is 0.134W/Kg which fulfils the related requirement.

WARRANTY INFORMATION

The iHealth Vista Wireless Body Analysis Scale is warranted to be free from defects in materials and workmanship appearing within 1 year from the date of purchase, when used in accordance with the instructions provided. The above warranties extend only to the original retail purchaser. We will, at our option, repair or replace without charge any product covered by the above warranties. Repair or replacement is our only responsibility and your only remedy under the above warranties.

EXPLANATION OF SYMBOLS

 Symbol for “THE OWNER’S MANUAL MUST BE READ”

 Symbol for “CAUTION”

 Symbol for “TYPE BF APPLIED PARTS”

 Symbol for “ENVIRONMENT PROTECTION – Waste electrical products should not be disposed of with house-hold waste. Please recycle where facilities exist. Check with your local Authority or retailer for recycling advice”.

 Symbol for “MANUFACTURER”

 Symbol for “KEEP DRY”

 Symbol for “Year of Manufacture”

 Symbol for “COMPILES WITH RTTE 99/5/EC REQUIREMENTS”

ANDON HEALTH CO., LTD.

No. 3 Jinping Street, YaAn Road, Nankai District,
Tianjin 300190, China. Tel: 86-22-60526161