

## **-NEW PRODUCT INFORMATION SHEETS-**



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Sales Name: **BF214**  
Item Number: **HBF-214-EBW**

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## General Information:

Sales Name	BF214
Item number	HBF-214-EBW
Model Category	Body Fat Monitor
Legal Manufacturer	 <b>OMRON HEALTHCARE Co., Ltd.</b> 53, Kunotsubo, Terado-cho, Muko, Kyoto 617-0002 JAPAN
Photo of Product	 <p>The image shows the Omron BF214 Body Fat Monitor, a black rectangular device with four white foot pads. The central LCD screen displays '29.3%'. Below the screen are four buttons: a left arrow, a right arrow, a 'MEMORY' button, and a 'SET' button. The Omron logo and 'B.F.M.' are printed at the bottom of the device.</p>
Packaging Content	Main unit, 4 AAA batteries (R03) - (You may also use AAA alkaline batteries (LR03), instruction manual, guarantee card
EAN Code	401567210704 5

## List of Harmonized EN Standards

### Directives

General applicable directives: Medical Device Directive (MDD) 93/42/EEC

### Standards:

EN 980: 2008  
EN 1041: 2008  
EN 60601-1: 2006  
EN 60601-1-2: 2007  
EN ISO14971:2009  
EN ISO10993-1:2009  
EN ISO10993-5:2009  
EN ISO10993-10:2010  
EN62304:2006  
EN62366:2008

## Intended Use

### Medical Purpose

This product is intended for use to measure and/or monitor patients to record weight, body fat percentage, muscle percentage and calculate BMI.

### Intended User

- Legally certified medical experts, such as doctor, nurse and therapist, or healthcare personnel or patient under the guidance of qualified medical experts.
- The user should also be capable of understanding general operation of this device and the content of instruction manual.

### Intended Patients

This product should not be used by patients, who are unconscious or are not breathing spontaneously, unattended children or persons who cannot express their intent.

### Environment

This product is intended for use in a medical facility, clinic and doctor's office, and in a room of general household.

## Particularities

It couldn't be simpler to check your body composition. This is probably the simplest way of checking your body fat, body weight and BMI. The BF214 will also give you readings on skeletal muscle for a complete overview of your body composition and it will even remember your previous measurement. It makes everything so much easier! The device is clinically tested to ensure accurate results, helping to track body composition over time. It shows if your diet and exercise are effective.

- **Body fat**
- **Body mass index**
- **Skeletal muscle**
- **Memories previous values**
- **4 User memory**
- **Clinically validated measurements**
- **Auto off**

## Package Design




### Packaging Information:

Carton	QTY	Approx. Weight	Approx. Dimensions W*D*H
Unit	1	1.600 kg	285 * 280 * 28 mm
Sales package	1	1.900kg	323 * 43 * 324 mm
Master	6	12.100 kg	337 * 284 * 353 mm



## Technical Specifications

Product Description	Body Fat Monitor
Model	OMRON BF214 (HBF-214-EBW)
Display	<b>Body Weight:</b> : 2 to 150 kg with an increment of 0.1 kg / 4.4 to 330.0 lb with an increment of 0.2 lb / 4.4 lb to 23 st 8.0 lb with an increment of 0.2 lb <b>Body Fat percentage:</b> 5.0 to 60.0% with an increment of 0.1% <b>Skeletal Muscle percentage:</b> 5.0 to 50.0% with an increment of 0.1% <b>BMI:</b> 7.0 to 90.0 with an increment of 0.1 <b>BMI classification:</b> – (Underweight) / 0 (Normal) / + (Overweight) / ++ (Obese) with 12 levels of Bar display, The age range for the BMI, BMI classification and Body Fat percentage is 10 to 80 years. The age range for the Skeletal Muscle percentage is 18 to 80 years.
Languages	EN, DE, FR, IT, ES, NL, RU, AR
Measurement Range	Weight: 0.0 kg to 150.0 kg with 100g increments Body Fat percentage: 5.0 to 60.0% with an increment of 0.1% (10-80 years) BMI: 7.0 to 90.0 with an increment of 0.1
Weight Accuracy	0.0 kg to 40.0kg ±400g 40.0kg to 150.0kg ±1%
Accuracy (S.E.E.)	Body Fat percentage 3,5% Skeletal Muscle percentage: 3.5%
Setting items	Height: 100.0 cm to 199.5 cm Age: 10 to 80 years old Gender: Male/Female
Power Source	4 AAA batteries (R03) (You may also use AAA alkaline batteries (LR03))
Battery life	Approximately 1 year (when manganese batteries are used with four measurements a day)
Applied Part	 = Type B
Operating temperature / Humidity	+10°C to +40°C Maximum: 30% to 85% RH
Storage Temperature / humidity	-20°C to +60°C Maximum: 10% to 95% RH / 700-1060hPa
Weight	Approximately 1.6 kg (including batteries)
Outer dimensions main unit	Approximately 285 (w) mm x 280 (d) mm x 28 (h) mm
Package Content	Main unit, instruction manual, 4 AA manganese batteries (R6)
EAN code	401567210704 5

Note: Subject to technical modification without prior notice.

CE0197

This device fulfils the provisions of EC directive 93/42/EEC (Medical Device Directive).

- This OMRON product is produced under the strict quality system of OMRON HEALTHCARE Co. Ltd., Japan.



### Comparison Table

Feature	BF511	BF508	BF214	BF212	BF306	HN288	HN286	HN283
Body Fat	X	X	X	X	X	-	-	-
Body Mass Index (BMI)	X	X	X	X	X	-	-	-
Skeletal Muscle	X	-	X	-	-	-	-	-
Visceral Fat	X	X	-	-	-	-	-	-
Resting Metabolism Rate	X	-	-	-	-	-	-	-
Full Body Measurement with 8/4 Sensors	8sens	8sens	4sens	4sens	-	-	-	-
Kids Mode	X	-	X	X	X	-	-	-
Increments 100g/50g	100 gr	100 gr	100 gr	100 gr	100 gr	100gr	100gr	100gr
Maximum weight capacity 130/150/180 kg	150kg	150kg	150KG	150KG	199KG	180KG	180KG	150KG
Memories previous values	X	-	X	-	X	-	-	-
4/9 User Memory	4	4	4	4	9	-	-	-
Weight Difference Technology	-	-	-	-	-	X	-	-
Auto off technology	X	X	X	X	X	-	-	X
Automatic on/off technology	-	-	-	-	-	X	X	-
Slim Design	-	-	-	-	-	X	X	-
Clinically Validated	X	X	X	X	-	-	-	-
TÜV certified product	X	-	-	-	-	-	-	-

### List of Materials

Item	Material	Grade
Top plate	Glass	Kunshan Tabo t=6mm
Top cover	HPS	HPS-PH-88
Bottom cover	HPS	HPS-PH-88
Battery cover	HPS	HPS-PH-88
Electrode	SUS	SUS 304
Battery contact	SWP – B	DIA 0,55 SW IC-F
Instruction manual	Paper	
Packaging	Cardboard	

## Maintenance and storage

### Maintenance

To protect your unit from damage, please observe the following:

- Always keep the unit clean before use
- Wipe the main unit with a soft dry cloth
- If necessary, use a cloth moistened with water or detergent and squeeze it well before wiping the unit, then wipe with a dry cloth
- You can use rubbing alcohol to clean the electrodes, but do not use it on other parts of the unit
- Do not use benzene or thinner to clean the unit

### Service

Do not carry out repairs of any kind yourself. If a defect occurs, consult the OMRON distributor or Customer Services as mentioned on the packaging.

### Storage

- Store the display unit in the main unit
- When storing the display unit, be careful not to crease the cord.

Do not store the unit under the following conditions:

- Humidity, where moisture or water may get into the unit
- High temperatures, direct sunlight or dusty places
- Places with the risk of sudden shock or vibrations
- In places where chemicals are stored or where corrosive gas is present

**Optional Accessories**

**There are no Optional Accessories**