

# BIAtcheck

## BioImpedance Body Composition Analyser

Model BC23-1 BC23-2 Single Frequency  
Model BC23-3 BC23-4 Multifrequency

**For the Weight Management Professional**



The BIAtcheck bioimpedance analyser helps you to understand body composition in terms of body weight changes. It gives professionals key information for weight management.

### Independent and Lightweight

Weighing only 390g it is easy to carry allowing you to test anywhere. It is ideal for home visits, offices, sports centres and weight loss clinics. Models BC23-2 and BC23-4 **do not require a computer** as it saves all information in its memory which you can review at any time. It functions with a 12v mains adaptor or 4 x AA batteries.

### Tests are Quick and Easy to Make

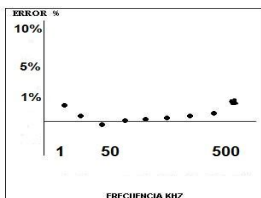
BIAtcheck is so simple to operate that anybody can use it. Enter client data, press to test and see your results, all of which take about 2 minutes. Having saved the client information, follow up tests are even easier as you simply locate the client file in the data base, change the weight and press the button to measure, leaving you more time to talk to your client and to keep the flow of appointments moving.

### Robust and Easy to Hold



The ergonomic design makes very easy to hold it in your hand. In addition, it's strong housing and outer rubber protection ensures it does not get easily damaged.

### Both Models are 99% Precise in Impedance Measurements





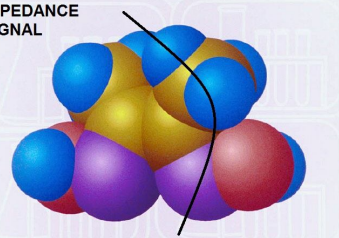
BIAtcheck BC23-1-2: 99% @ 50kHz

BIAtcheck BC3-3-4: 99% @ 1 – 500kHz (8 frequencies)

The high precision level gives credible and reliable body composition results for you and your client.

**+ 70 Body Parameters** (depending on model)

|   | <b>Parameters</b>   | <b>BC23-3-4</b> | <b>BC23-1-2</b> |
|---|---|-----------------|-----------------|
|    | <b>Total Fat % kg</b><br><b>Ideal Total Fat % kg</b><br><b>Fat Objective % kg</b><br><b>Fat Loss kg</b>   | ✓               | ✓               |
|    | <b>Lean % kg</b><br><b>Ideal Lean % kg</b><br><b>Muscle kg %</b>  | ✓               | ✓               |
|    | <b>Body Cell Mass BCM % kg</b><br><b>Normal Body Cell Mass % kg</b><br><b>Extra Cellular Mass ECM % kg</b><br><b>Normal Extra Cellular Mass % kg</b><br><b>Body Cell Mass Index</b><br><b>Ratio ECM/BCM</b>         | ✓               | ✗               |
|   | <b>Total Water % litre</b><br><b>Ideal Total Water % litre</b><br><br><b>Extra Cellular Water ECM % litre</b><br><b>Intra Cellular Water ICW % litre</b><br><b>Ratio ECM/Total</b><br><b>Ratio Normal ECM/Total</b> | ✓<br><br>✓      | ✓<br><br>✗      |
|  | <b>Mineral Mass kg</b><br><b>Normal Mineral Mass kg</b>   | ✓               | ✗               |
|  | <b>Dry Weight % kg</b><br><b>Ideal Weight Kg by Build</b><br><b>Weight Objective kg</b><br><b>Weight Loss/Gain kg</b>   | ✓               | ✓               |
|  | <b>Body Mass Index BMI + Ideal</b><br><b>Obesity Grade by BMI</b>   | ✓               | ✓               |
|  | <b>Build (calculated by bone size)</b>  | ✓               | ✓               |
|  | <b>Waist/Hip Ratio and body type</b><br><b>Waist/Height Ratio</b>   | ✓               | ✓               |

|   |   |            |            |
|---|---|------------|------------|
|                       | <b>Basal Metabolic Rate Kcal BMR</b>  | ✓          | ✓          |
|                      | <b>Total Energy Expenditure Kcal TEE by Activity Level</b>  | ✓          | ✓          |
| $y = (x^2 - b^4) \times 3,46 + z$   | <b>Equations by Population and BMI</b>  | ✓          | ✓          |
| IMPEDANCE SIGNAL<br> | <b>Impedance, Resistance and Reactance @50kHz</b><br><br><b>Impedance 1 – 500kHz, Resistance and Reactance @50kHz</b> | ✓<br><br>✓ | ✓<br><br>✗ |



### Large Letters on a Bright Screen

Easy to read with brightness adjustment included.

### Menu for Client Management

You can: Search, View, Edit and Eliminate files.

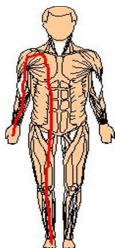
### Large Screen: 7 Lines of Information

Get to see lots of data without too many screen changes.

### Memory Data Base of 300 Client Files

Save results and review them when you want.

### Precise and Validated Method



BIAcheck measures the **full body length**, from **hand to foot** giving you credible and precise body composition results. Self-adhesive electrodes attach to the skin. Their excellent contact assures you of high electrical signal capture together with **reliable and reproducible results**. Other equipment use dry electrodes (metal footplate and handles) which produce poor skin contact giving variable results non reproducible results.



Beware, other analyser brands give only **partial or incomplete** measurements. Some measure only the lower half from foot to foot (foot scale) while others (Omron hand held) measure hand to hand leading to underestimation or overestimation of body composition especially on overweight people.



### Test Standing Up

If you don't have a bed you can test standing up.

$$y = (x^2 - b^4) \times 3,46 + z$$

### Population Based Equations

Select the Population and equation by: adult, child, sports person or an obese adult (by BMI) to give you results closely matched to the person being measured. Alternatively, you can manually choose an adult equation.



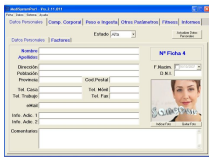
### Quick Check in 15 Seconds

You can make an independent check to assure yourself that your analyser is working correctly. You can check these fixed values on screen at any moment. So if you have any doubt about a client measurement, you can do a 15 second Quick Check.



### Portable Printer – Get your Results on a Ticket – optional

Connect your analyser by USB cable to the dedicated BIAcheck thermal printer to get Client Data, Test Results, Ideal Values and Impedance Data. It is quick and saves you time.



### Connect to your PC and get your Result Report

The BIAcheck software allows you to make tests directly from your computer via a USB cable. You can manage client files and print out colourful graphical reports.

Request DEMO program.



### Alphanumeric Keyboard

You can enter words and numbers.

#### Easy to Use with gloves on

Simple upward or downward arrows allow you to change menus.

#### Robust

Hardwearing, it should last the life of the machine.

#### Easy to Clean

Being flat it allows you to clean 100% of the surface area.



### Durable Cables and Plug

The metal plug will not damage easily giving you a reliable connection when you are testing.

### Professional Equipment is More Reliable

Many cheaper analysers are intended for family/domestic use, designed and built to test only a few people. Some have restricted test ranges and the warranty is invalid if used by professionals.

### BIAcheck will make your Business more Profitable



The wide data range will help you to offer more to your clients. A body composition test can vary in price according to town, area and type of establishment. Some clients charge up to £30 per test. Even charging only £5 per test, with just 2 clients a day, you could have earnings of **£2.000 a year**. (Base on 10 months a year.) The low cost electrodes, approximately 28 pence a test, is worthwhile because it gives you a **total body measurement**.

### How much could I earn a Week?

| Nº Tests Week | Price Test £ | Total Earnings£ | Price Test £ | Total Earnings £ | Price Test £ | Total Earnings £ |
|---------------|--------------|-----------------|--------------|------------------|--------------|------------------|
| <b>5</b>      | <b>5</b>     | <b>25</b>       | <b>10</b>    | <b>50</b>        | <b>15</b>    | <b>75</b>        |
| <b>10</b>     | <b>5</b>     | <b>50</b>       | <b>10</b>    | <b>100</b>       | <b>15</b>    | <b>150</b>       |
| <b>20</b>     | <b>5</b>     | <b>100</b>      | <b>10</b>    | <b>200</b>       | <b>15</b>    | <b>300</b>       |
| <b>30</b>     | <b>5</b>     | <b>150</b>      | <b>10</b>    | <b>300</b>       | <b>15</b>    | <b>450</b>       |



## 2 Year Warranty

BIACheck meets the CE medical normative and is manufactured under ISO9001 quality control standards.

## CONTENTS BIACHECK

### BIACheck Includes:

- \* Analyser BC23-1-2-3-4
- \* Robust Carrybag
- \* Patient Cable
- \* 100 Electrodes
- \* Instruction Manual - Digital
- \* Quick Guide - card
- \* Calibrator Checker
- \* 12v EU/UK mains adaptor
- \* Software for Windows



### Software Program: BC23

Includes: 1 Licence, USB cable, user manual and USB security key.  
(For use on Windows 8 or 10 platform with Microsoft Office)

Available: All Models



# CHECK OUT THE ONLINE DEMO

<https://youtu.be/7WYj6UZx-bw>

### Payment Methods:

1. Bank Transfer
2. Credit Card + PayPal

**WE DO NOT CHARGE SALES TAX FOR OUTSIDE EU DESTINATIONS**

**WE DO NOT CHARGE SALES TAX TO EU CUSTOMERS WITH A VALID EU SALES TAX NUMBER**

### Delivery:

Time: +/- 2 - 20 days (depending on stock availability)

### European Sales Office

Pursuete Limited  
North East Business & Innovation Centre,  
Wearfield, Enterprise Park East,  
Sunderland, SR5 2TA  
United Kingdom

[www.PURSUETEC.COM](http://www.PURSUETEC.COM)