

My boditrax  has arrived.
precision body composition

I. Introduction

The K780 Multi Frequency Segmental Body Composition Analyser is perfect for providing an instant analysis of a client's health and fitness status and monitoring their progress over time using the secure cloud hosted boditrax software platform. It has been designed to be an interactive stand-alone unit where clients can step on and take a measurement without specialist assistance.

A full segmental body composition analysis is performed in less than 30 seconds. The large touch screen displays the body composition measurement data and the detailed segmental analysis in an easy-to-read illustrative format with every reading then securely stored in the user's account which can be accessed anytime over the internet.

Goals can be set for multiple metrics using the 'goal setter' mode to increase motivation and demonstrate real progress of any weight loss or fitness program. All user data can be stored and used for detailed trend analysis via the boditrax software.

Multi-frequency segmental body composition analyser – 3 frequencies providing highly accurate, whole body and segmental measurements. Easy-to-use – the interactive console guides the user through the personal data input and measurement process without specialist assistance. The console can also be cloaked for confidential readings with children or when large obese clients step on.

All body composition results are shown on an easy-to-read, touch screen display that includes the measurement results and the full segmental analysis.

A client identity feature allows continuous measurement data to be collected for each client effortlessly. The feature also allows large anonymous data sets to be collated for research studies. The K780 ships with the boditrax software allowing full database management, health assessments and progress reports to be generated. Modular construction for fuss-free installation, maintenance and transport.

The K780 is an accredited MDD Class III and NAWI IIa medically approved monitor.

The boditrax K780 reports on the following metrics:

- Body Mass
- Fat mass
- Fat Percentage
- Fat Distribution - Segmental readings for each leg, arm and trunk (abdominal area)
- Muscle Mass
- Muscle Percentage
- Muscle Distribution - Segmental readings for each leg, arm and trunk (abdominal area)
- Total Body Water Mass
- Total Body Water Percentage
- Extra Cellular Water (ECW) Mass
- Intra Cellular Water (ICW) Mass
- ECW/ICW Ratio
- Body Mass Index (BMI)
- Bone Mass
- Bone Percentage
- Physique Rating
- Visceral Fat Rating
- Basal Metabolic Rate
- Basal Metabolic Rate indicator 1 of 24
- Metabolic Age
- Weight Capacity (270kg)

2. Health and safety

WARNING – RISK OF DEATH OR SEVERE INJURY

- ⚠ Users of Pacemakers or other mechanical implants must not use this product. The electrical signals used by boditrax could cause these devices to malfunction
- ⚠ Do not operate with wet hands. This product operates at Mains Voltage.
- ⚠ Keep away from flammable gases and oxygen rich environments
- ⚠ There are no user serviceable parts inside – refer servicing to boditrax personnel.
- ⚠ Do not modify this product
- ⚠ Do not use this product if there is damage to any cables or connections

CAUTION – RISK OF INJURY OR DAMAGE TO PROEPRTY

- ⚠ Ensure the monitor is stable on a hard, level surface.
- ⚠ Keep Away from Water. This represents and Electric Shock Risk and Slip Hazard.
- ⚠ Do not Jump or Lean on the product.
- ⚠ Do not insert fingers or objects into gaps or holes.
- ⚠ Do not use excessive force on the footplate, handgrips or display.
- ⚠ Do not attempt to lift the boditrax monitor
- ⚠ Ensure all cables are secured to avoid trip hazard

EMERGENCY.

- ⚠ In case of emergency switch off the power at the wall outlet and pull out the plug. Contact boditrax

3. Regular maintenance

The K780 has been designed and built using high quality components to ensure long life and require minimal maintenance. In order to maintain the condition of your K780 please follow the advice below.

AFTER EACH USE:

- The footplate should be wiped with an Antibacterial wipe or Antibacterial spray on a soft cloth. Take care not to allow liquid to enter the monitor.

DAILY:

- Ensure that monitor is located on a stable and level surface
- Ensure that software is functioning normally

WEEKLY:

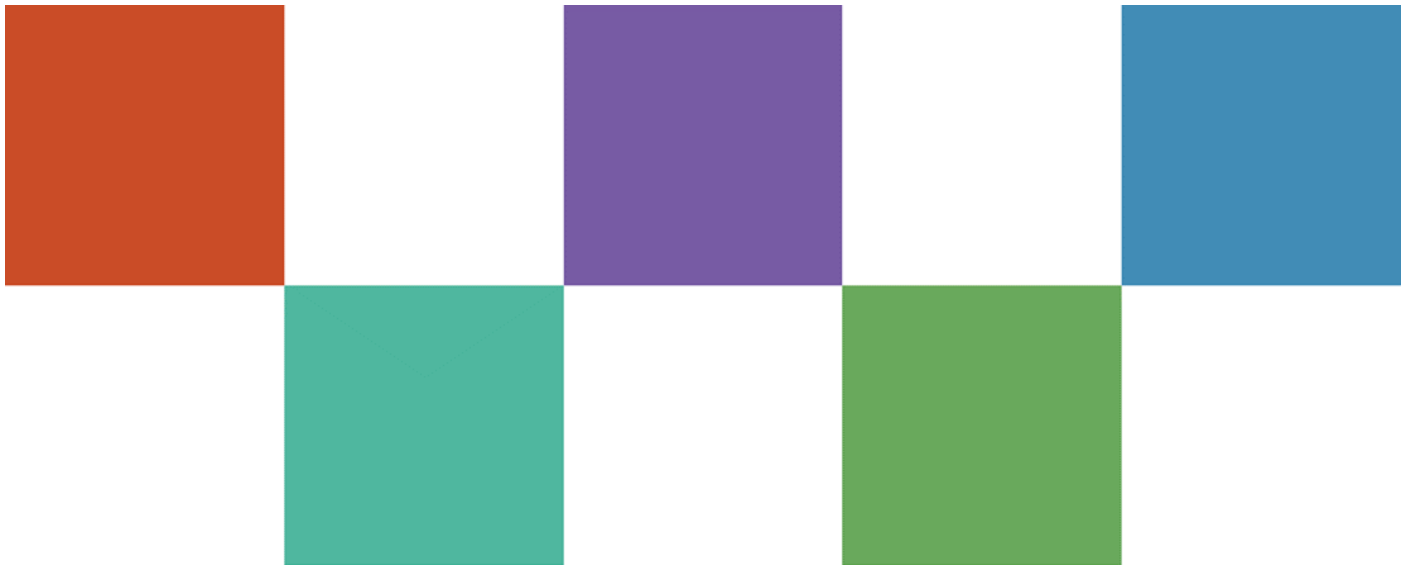
- Inspect all cables and connections for wear or damage. Do not use the product if cables exhibit wear or damage. Contact boditrax for service or replacement.
- Inspect Display and sensors for wear or damage. Do not use the product if display or sensors exhibit wear or damage. Contact boditrax for service or replacement.
- Ensure that footplate feet are all in contact with the baseplate and that the footplate is secure

SOFTWARE UPDATES

As boditrax is cloud hosted, new features automatically become available to facilities as they are released. Occasionally local updates are required and in this event boditrax will communicate details to facility admins.

CLEANING

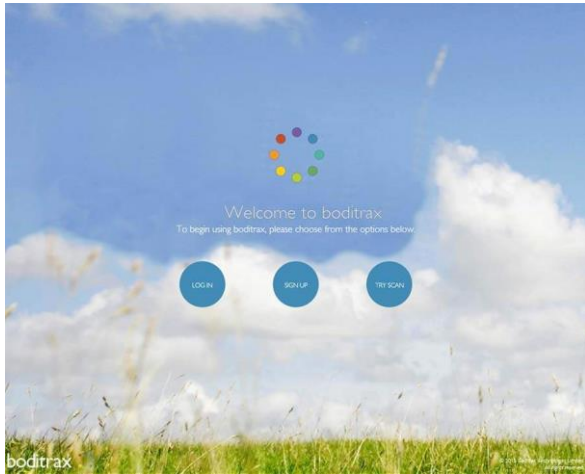
- The body and screen can be cleaned with proprietary cleaners taking care not to allow liquid to enter the monitor
- The footplates should be cleaned with antibacterial cleaner applied to a soft cloth or an antibacterial wipe taking care not to allow liquid to enter the monitor.



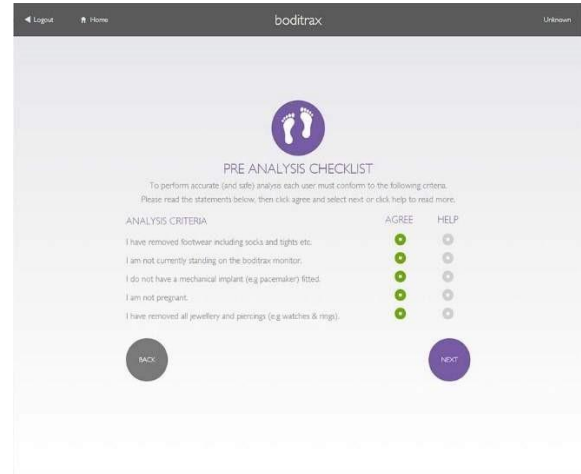
Your **boditrax**  quick scan guide.
precision body composition



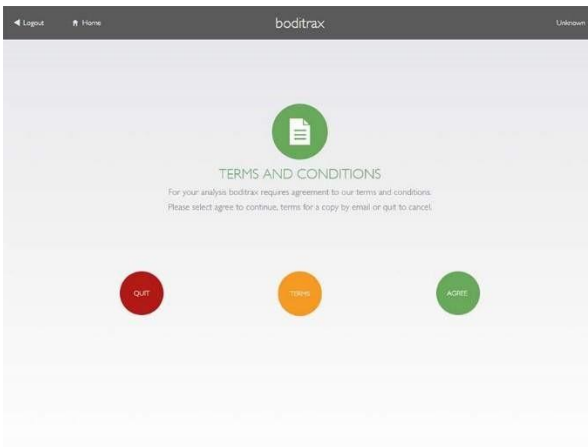
4 .Quick scan guide



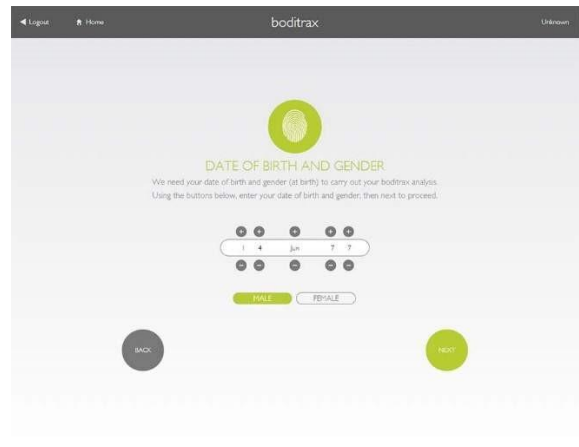
(1) Press Try Scan



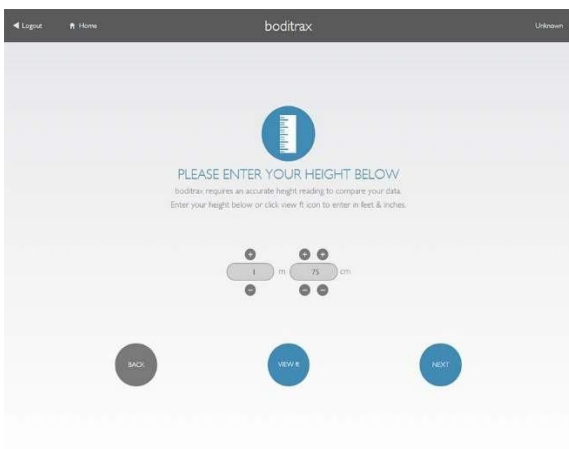
(2) Complete Pre Analysis Checklist



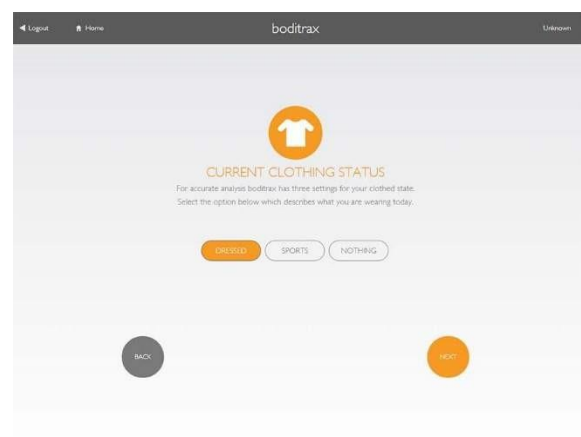
(3) Accept Terms And Conditions



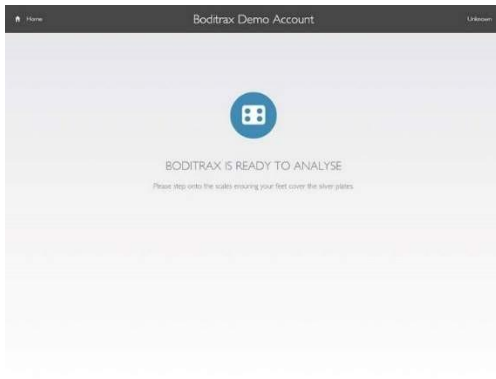
(4) Enter Date Of Birth And Gender



(5) Enter Height



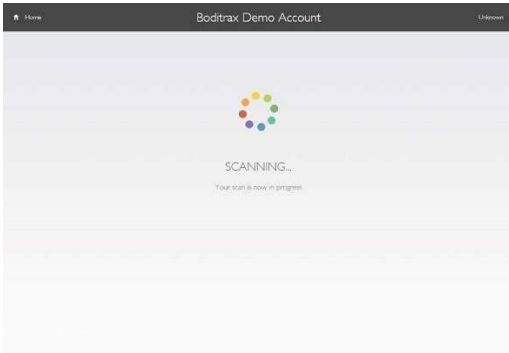
(6) Select Current Clothing Status



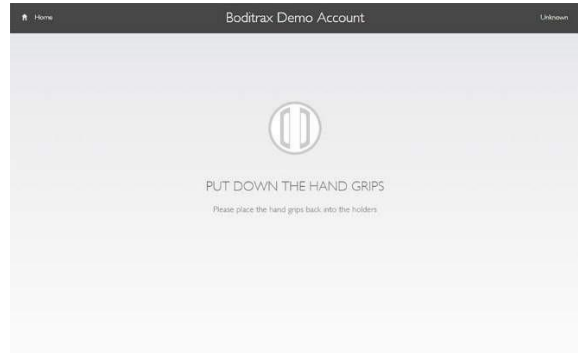
(7) Step On The Scales



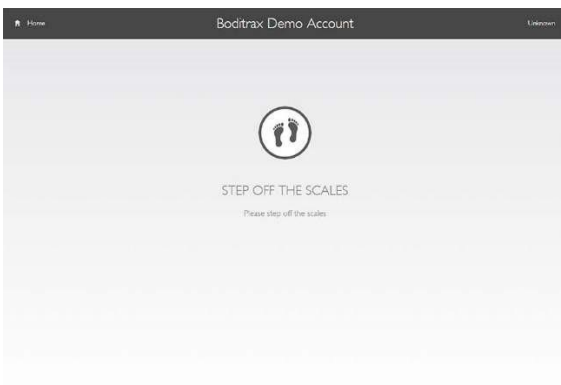
(8) Pick Up The Hand Grips



(9) Stand Still



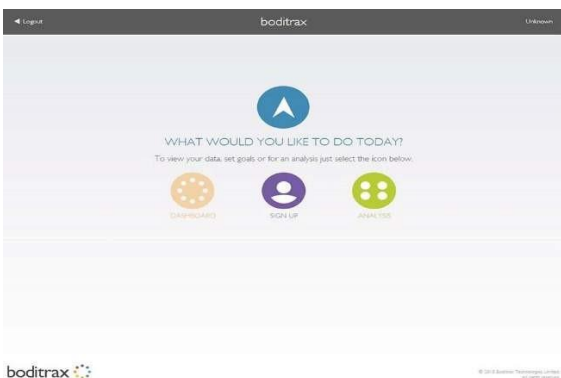
(10) Put Down The Hand Grips



(11) Step Off The Scales



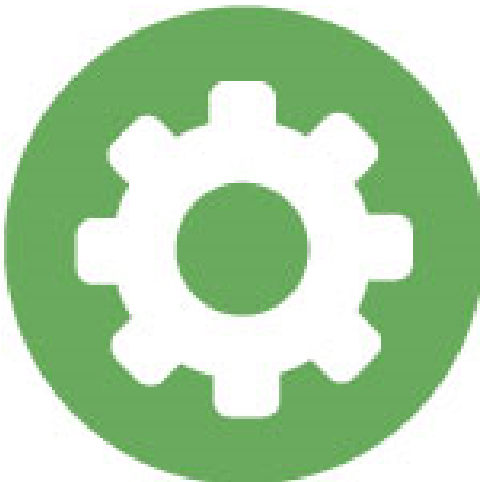
(12) Scan Complete



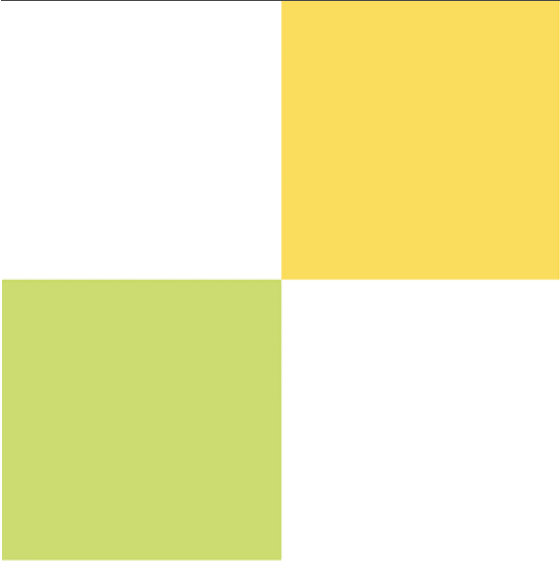
(13) Press Dashboard



(14) View Your Results



Your **boditrax**  start-up guide.
precision body composition



5. Quick start guide

Your boditrax K780 Monitor is designed to be easy to operate and require minimal staff intervention once installed. The following is intended as a quick guide for Facility Staff and covers the most common issues.

Startup Procedure.

The full start up procedure is as follows:

1. Plug into mains and switch on at wall outlet.
2. Switch on Power Button at cable entry point on lower rear of monitor.
3. Reset scale using button number 2 on the top left hand side of the monitor (see illustration).
4. Power up monitor using button number 1 located on the top left hand side of the monitor (see illustration).

On Start up the boditrax monitor goes through a series of self-checks designed to eliminate the most common issues. This will also diagnose problems and offer on screen advice. In the unlikely event that your K780 fails to start it is most likely to be an internet connectivity issue.

Your monitor communicates with boditrax servers via an internet connection and where this is unstable errors can occur. If your monitor fails the internet connectivity test please check that the LAN cable is firmly inserted to the monitor and the wall outlet. If your monitor fails any of the other checks please follow the on screen instructions.

Shutdown Procedure.

The full shutdown procedure is as follows:

1. Power down monitor using button located on the top right hand side of the monitor.
2. Wait for "No Input Signal" message on screen.
3. Switch off at cable entry point on lower rear of monitor.
4. Switch off at mains and remove plug.

WARNING: THE MONITOR MUST BE SHUT DOWN AS ABOVE BEFORE SWITCHING OFF AT THE MAINS.

Troubleshooting.

boditrax monitor software has been extensively tested and errors are rare and usually the result of user error – for example where the user steps on before requested to by the on screen message or steps off before the scan process is complete. If you see an error message or hear a continuous tone, please follow the on screen instructions which will advise how to restart the scan procedure. If you are unable to solve problems using the on screen boditrax interface, please carry out a full reset by following the shutdown and startup procedures detailed above.

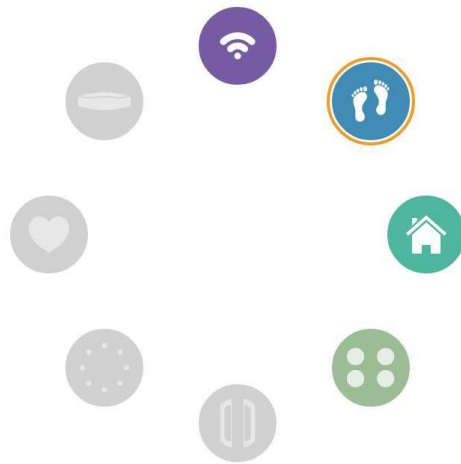
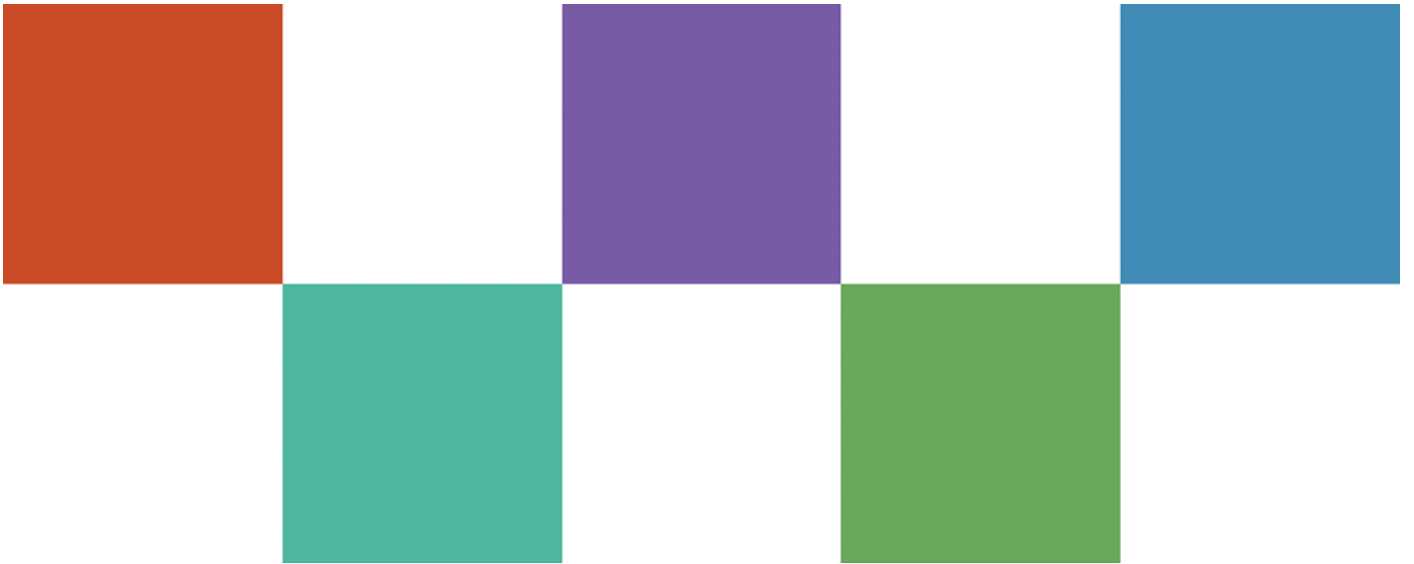
If this does not resolve your error please contact boditrax as detailed below.

boditrax Support

boditrax offers support during normal office hours – please call 0115 824 5190, ideally whilst at the monitor.

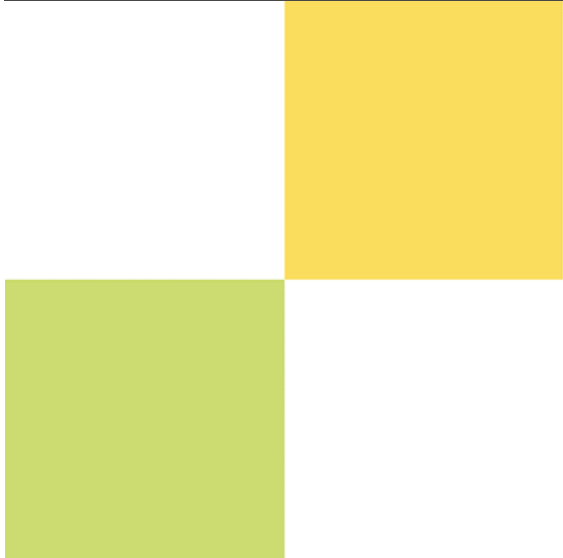
boditrax Support will talk you through additional procedures and where your error is not connection related they can also connect remotely to your monitor to carry out further checks. For more general enquiries or data interpretation issues please see the relevant sections of this manual.

For non-urgent queries please email info@boditrax.com



Checking communication with scales...

Your **boditrax**  **troubleshoot guide.**
precision body composition



5. Troubleshoot Guide

MONITOR LAUNCHER

On Start Up your K780 will perform a series of self-diagnostic checks as follows:

1. Checking Internet Connection

The K780 contacts a series of web servers to confirm the availability and strength of internet connection.

2. Checking Client Service

The K780 confirms that boditrax software has correctly started and checks for updates with the boditrax cloud server.

3. Checking Facility is Authorised

The K780 compares its stored credentials against the secure boditrax database to ensure it can access boditrax user information and pass scan data into the database.

4. Checking Communication With Scales

The K780 confirms that the body composition module is connected and can accept user details.

5. Checking Segmental Wiring

The K780 checks for a response from the body composition module

6. Checking Motion Tracking Service

The K780 confirms that it can communicate with the onboard activity data collection point (where fitted)

7. Checking Heart Rate Monitor

The K780 confirms that it can communicate with the inbuilt Heart Rate Monitor (where fitted)

8. Checking RFID

The K780 confirms that it can communicate with the inbuilt RFID module (where fitted)

On successful completion the boditrax monitor will launch.

