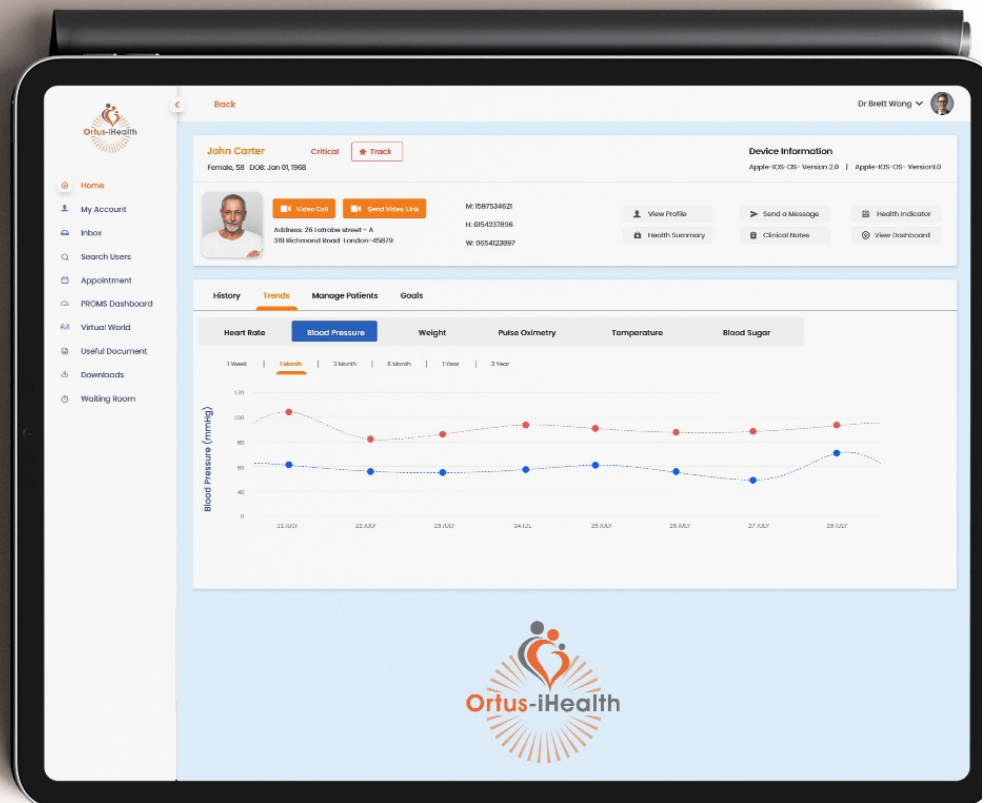
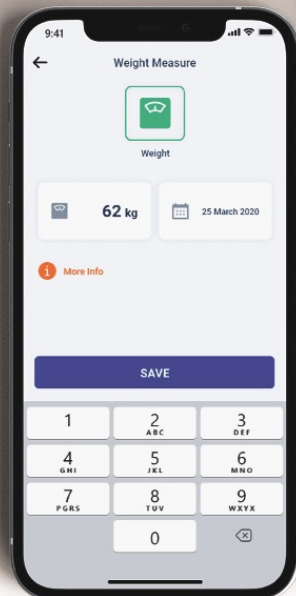


# Ortus-iHealth

RPM, Virtual Ward and  
Connected Health Platform



Ortus-iHealth

# Welcome to Ortus-iHealth

*Ortus-iHealth* provides an integrated Digital Portal for both patients and multi-disciplinary clinical teams.

Clinical teams and patients can manage and monitor treatment progress, share information, and consult quickly and efficiently.

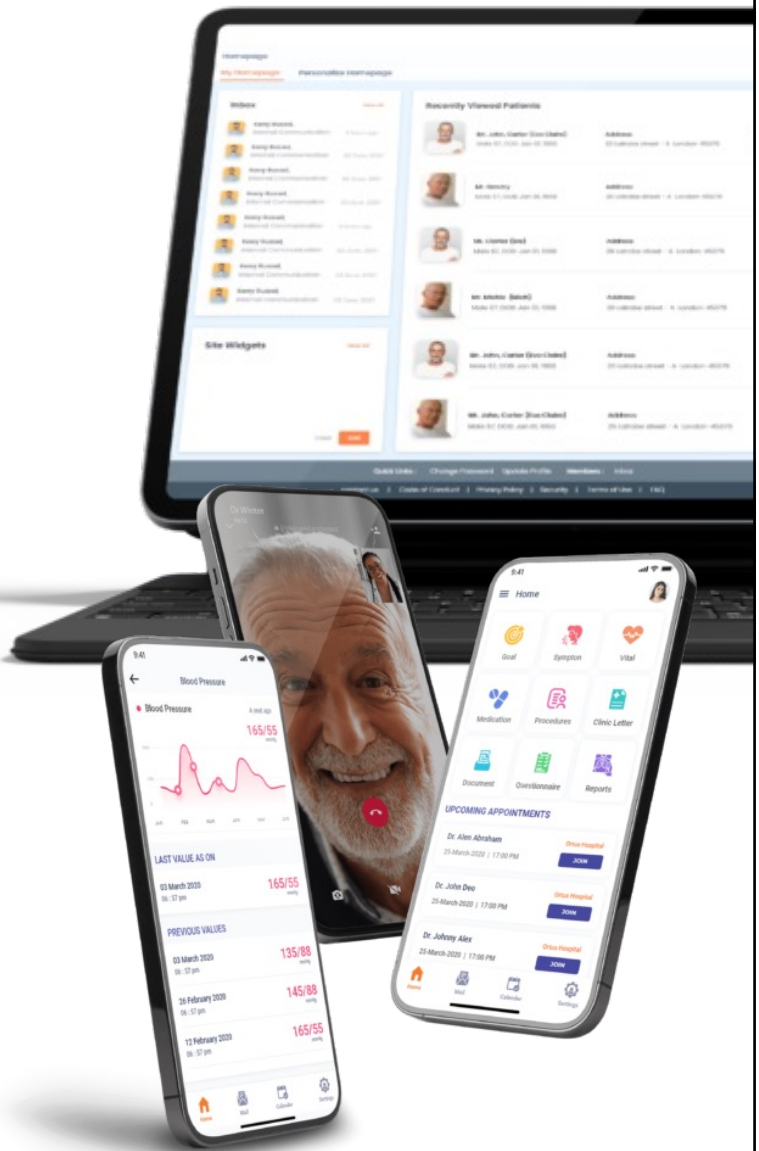
Supported by remote monitoring, virtual wards, pathway or treatment-specific dashboards, pathway automation, integration and digital consultation tools, users can overcome the limitations of many of today's fragmented healthcare infrastructures.

As a Software as a Service platform, Ortus-iHealth supports multiple condition pathways, enabling clinical efficiencies and supporting patient health and self-management.

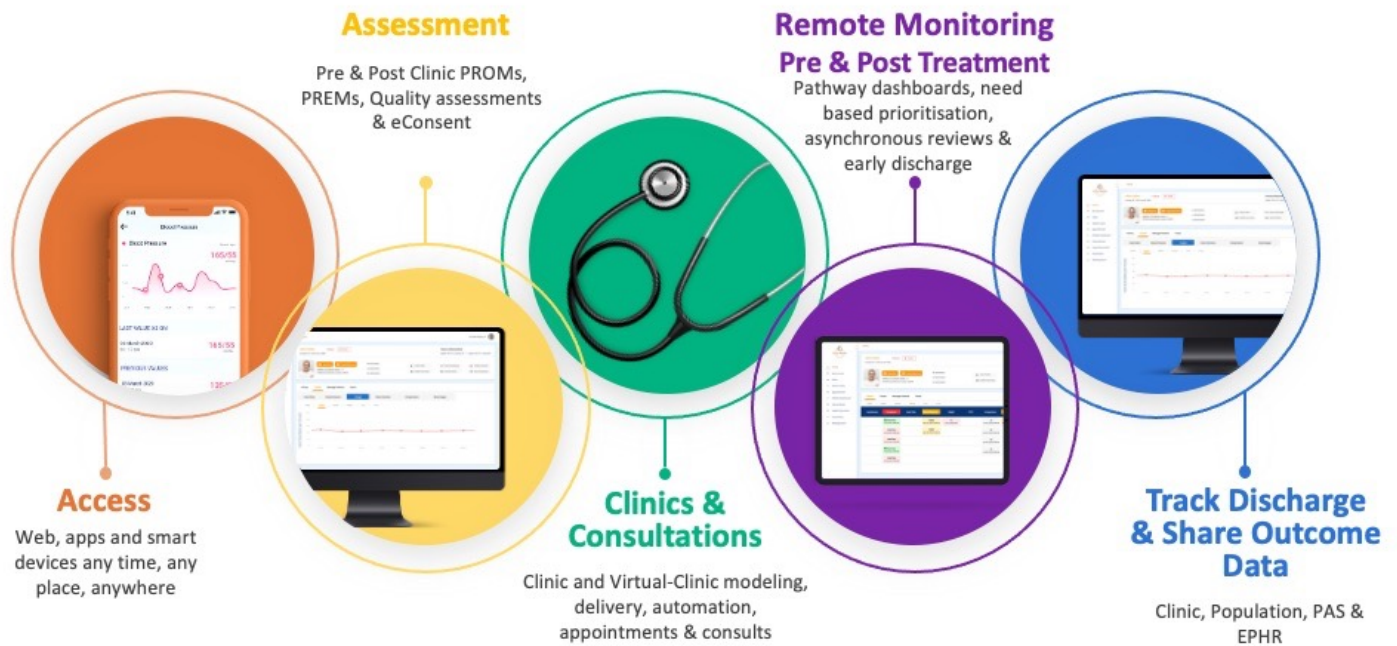
## ***How Does Ortus-iHealth Work?***

Clinical teams can manage and view patient data (including symptoms, observations, questionnaire responses) on **VW and RPM Dashboards**, with measures, colour-coded against population and individual thresholds and guideline norms. Appropriate actions can be taken by the clinical team quickly and effectively.

Patients access Ortus-iHealth through an app or browser, managing their correspondence, appointments, viewing prescribed content or medication, and completing their questionnaires and PROMs and PREMs all in a single integrated portal. Ortus includes multimedia consultation support, with video consultations and asynchronous reviews managed and delivered in one secure application.



# Features



# Benefits

80%+

Patient activation, 95% satisfaction

4760

Bed days saved in Low Risk NSTEMI Ward

85%+

Of patients moved to Optimal medication from 11%

From: 7 to 3 days

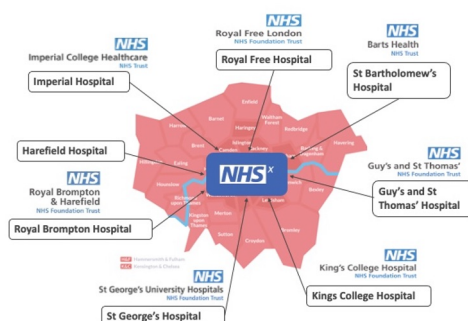
Inpatient wait reduction

12 to 6

Week Reduction First Outpatient Appointment lead time

10,000+

Happy patients have used Ortus



National award for sending heart attack patients home sooner

# Key features for Clinicians

## *Virtual Wards*

Clinicians and healthcare teams have access to patient groups, treatment or pathway-specific virtual wards presenting all the key information relating to a patient's condition needed to track, monitor and take action. Colour coding clearly indicates priority patients, enabling reviews and appropriate actions to be taken.



## *Configurable Pathways and Automation*

Pathways can be easily automated and are linked to diagnoses. Configurable by the clinical teams, complex pathways can be built and modelled automating many of the manual tasks traditionally undertaken. We'll also do that work for you if you prefer.

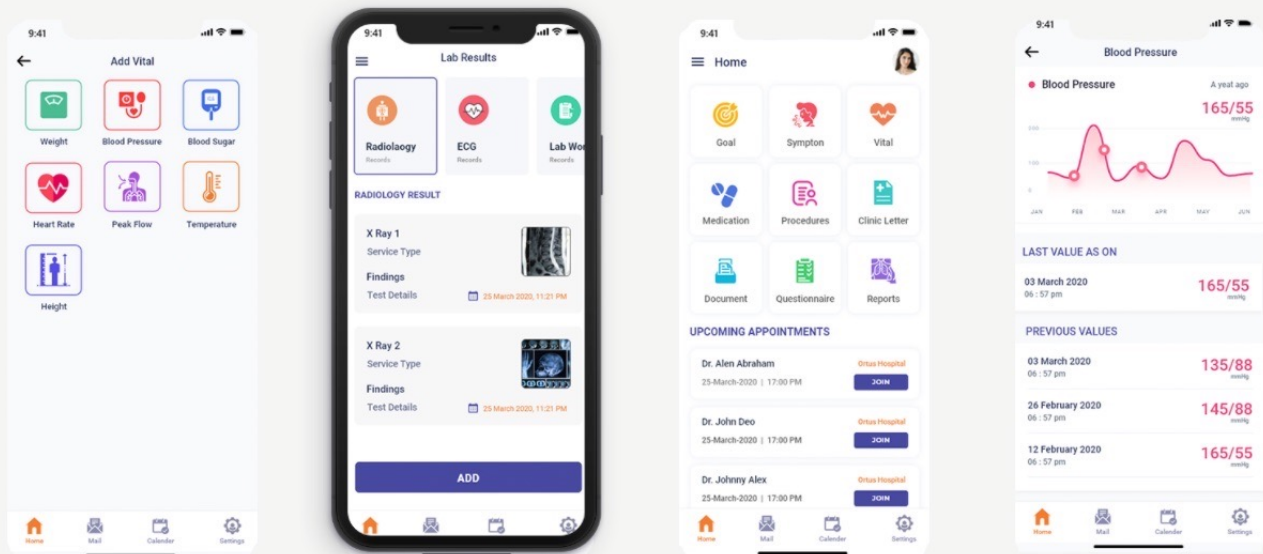
## *PROMs, PREMs and Questionnaires*

Patients complete their PROMs and PREMs and questionnaires at their convenience. Compliance from patients is high and timely, with the use of nudge behaviour. Clinicians have immediate visibility of outcomes on the dashboard and access to trends and indicators for review.

## *Digital Consultations - 20% - 30% - 50%*

Historically, face-to-face consultations were the norm. Today's digital-first clinics use Dashboards and Digital Consultations changing how clinics are delivered... **20% - 30% - 50%** is becoming the new normal. Dashboards enable reviews and patient prioritisation, resulting in 20% of clinic time delivering face-to-face appointments, 30% for video consultations, and the remaining 50% completing asynchronous reviews of lower risk individuals or groups.

# Key features for Patients



## Everything in One Place

Patients can see up and coming appointments, answer pre-consultation questionnaires, enter their vitals – Blood Pressure, Heart rate or send and share other information. They can receive messages and consultation notes, sign consent, and join video consultations with their Clinician.

## Content & Tracking Progress

It's not only what patients enter, but what they receive that's important. Ortus can provide condition or treatment specific information ranging from education on what will happen during a consult or procedure, but also general health education relating to their circumstance, supporting patient self-management, all while providing tracking of their treatment progress.

## Messaging and Digital Consultations

Visits to hospitals and healthcare centres can be avoided when not essential, with video consultations or messaging as a real alternative, save time and the cost of travel.



# Implementation and Beyond

## *The Plan*

We work with each customer to design and deliver a bespoke implementation plan. The Implementation Specialist will lead this process, working closely with the customer to understand the pathway and condition related requirements and service's expectations resulting in a detailed and agreed implementation plan.

## *The Process*

Implementation may be unique but usually include one or two service development workshop sessions, weekly progress calls, followed by a training session and sign-off. A typical implementation journey normally takes 4 to 6 weeks from start to finish, with meetings held online or if required, face to face. This timescale is normally driven by the availability of the customer team, with Ortus able to complete implementations more quickly if required.

## *Training*

The training plan will include all necessary training and fully equip the customer to use the service effectively and efficiently. This will include, how to set up and onboard new patients, manage the patients as well as how to customise the user configurable features on the platform.

## *Post-Implementation Support*

Dependent upon the customer's needs and wants, for the first three months after a deployment monthly reviews take place, these can be short, a 15-to-30-minute call just to touch base, answer any questions and follow up on any queries.

We have found over time that further opportunities to use the platform's capabilities evolve, as do reporting requirements and the platform itself, so we schedule quarterly reviews and have drop-in training sessions scheduled and available for customers to attend as they introduce new staff or wish to investigate how newly added functionality or integration added to their platform could be utilised.

## *Product Evolution and Research*

Key to the platform's success is how we engage with our users and their patient community. We do this through involving our customers in our development plans and roadmap. This could include discussions about particular functionality, integration or data analysis and if a customer wishes to participate, we are happy to include them in discussions.



# Flexible, scalable, and secure technology



*Ortus-iHealth* is a safe, secure and scalable Software as a Solution platform that complies with NHS safety and security standards, including ISO27001, Cyber Essentials Plus, DTAC Approval, and NHS Data Protection and Security Toolkit certification.

It can be introduced as a clinic, departmental or enterprise solution, already integrated with the NHS Spine PDS service, we offer further options for **integration** with other health and social care systems as required through a HL7 FHIR RESTful API interface using our integration engine.

Ortus provides a comprehensive dataset to support connected health initiatives plus machine learning and AI developments.



Digital  
Technology  
Assessment  
Criteria (DTAC)



Ortus-iHealth

# Subscriptions

Ortus-iHealth is available on subscription.

Our flexible subscription models allow for pathway, departmental or enterprise use. Included, is implementation and operational support, scheduled online free to access training and opportunities for Research and Product collaboration.

White labeling, customisation, nonstandard integration and transformation consultancy and services are also available in some cases subject to additional cost.

## Get in touch

For more information or to request a demo

web: [www.Ortus-ihealth.com](http://www.Ortus-ihealth.com)

phone: +44 (333) 090 2769

email: [info@ortus-ihealth.com](mailto:info@ortus-ihealth.com)

Twitter: [https://twitter.com/ortus\\_ihealth](https://twitter.com/ortus_ihealth)

LinkedIn: [Ortus-iHealth](https://www.linkedin.com/company/Ortus-iHealth)

Ortus-iHealth is a Ortus Solutions Limited product

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28 Arcadia Avenue, London,  
United Kingdom, N3 2FG



Ortus-iHealth

# Ortus-iHealth

## Device Brochure

G-Cloud 15



# iHealth Connected Blood Pressure Monitor Track (KN-550BT)



## Blood Pressure Tracking Made Easy.

iHealth Track measures blood pressure, heart rate and detects arrhythmia. See your results directly on the screen, which changes colour depending on your results. Green, yellow and red colour code indicates where you are according to the World Health Organization (WHO) recommendations.



No Smartphone needed, iHealth Track saves up to 99 measurements before needing to be synchronized. Your data is sent to the Ortus mobile app.

## Specifications

**Connectivity:** Bluetooth 4.0

**AAA lifetime:** 250 uses

**Dimensions:** 98 mm x 98 mm x 46mm

**Measuring range:** Sys: 60-260mmHg / Dia: 40-199mmHg

**Armband circumference:** 22-42cm **Pulse:** 40-180bts/min

**Weight:** 438g (with armband + batteries included)

**Conditions for use:** Temp: 5 ° C ~ 40 ° C, humidity: <85% RH

**Measuring method:** oscillometer method (inflation and automatic measuring)

**Conditions for transport and storage:** Temp: 20 ° C ~ 55 ° C, humidity <85% RH

**Power:** 4x1.5V AAA

**In the box:** 1 iHealth Track blood pressure monitor, 1 armband, 1 user manual, 4 AAA batteries

# iHealth Smart Wrist Blood Pressure Monitor Push

(KD-723)



## Track Your Blood Pressure Everywhere.

Measure your blood pressure and your pulse rate. See immediately your results on screen or on your smartphone with the Ortus App.

The smart blood pressure monitor iHealth Push has been designed for use with or without a smartphone. If you don't have your smartphone handy, iHealth Track saves up to 99 measurements before needing to be synchronized. You can synchronize your data to the Ortus App.



## Specifications

**Connectivity:** Bluetooth 4.0

**Dimensions:** 80 mm × 60 mm × 22 mm

**Cuff size:** 14-19.5cm

**Weight:** 69g (without batteries)

**Measuring method:** oscillometer method using inflation and automatic measuring

**Memory:** 99 measurements

**Power:** 2 AAA batteries 1.5V

**Measuring range:** Sys: 60-260mmHg / Dia: 40-199mmHg / Pulse: 40-180bts/min

**Operating conditions:** Temp.: 10 °C ~ 40 °C, humidity: ≤85% RH

**Transport and Storage conditions:** Temp.: -20 °C ~ 55 °C, humidity: ≤85% RH

**In the box:** 1 iHealth Push blood pressure monitor, 1 user manual, 2 AAA batteries, 1 Travel box

# iHealth Smart Arm Blood Pressure Monitor Neo

(BP5S)



## Easy And Smart Arm Blood Pressure Monitor

The smart arm measures blood pressure, heart rate and detects irregular heartbeat (arrhythmia). The universal size (22-42cm) adjustable cuff of this blood pressure monitor fits all shapes and sizes.

This device can be used with or without connection. See the result directly on its display or the Ortus app.



## Specifications

**Connectivity:** Bluetooth 4.1

**Dimensions:** 141,5 mm × 60,5 mm × 19 mm

**Cuff size:** 22-42cm

**Weight:** 240g

**Measuring method:** oscillometer method using inflation and automatic measuring

**Memory:** 200 measurements

**Power supply:** 1 x 3.7 V, Li-ion 950mAh

**Measurement range:** Sys: 60-260mmHg

**Dia:** 40-199mmHg

**Pulse:** 40-180 bts/min

**Operating conditions:** Temp: 5°C~40°C,  
**Humidity:** ≤85%RH

**Transport and storage conditions:** Temp: -20°C~55°C, Humidity: ≤90%RH

**In the box:** 1 blood pressure monitor iHealth Neo, 1 user manual, 1 Quick Start Guide, 1 USB cable, 1 travel bag

# iHealth Smart Arm Blood Pressure Monitor Ease

(Bp3I)



## Manage Your Blood Pressure Simply And Effectively.

Measure your blood pressure and your heart rate with the smart arm blood pressure monitor iHealth Ease. Simply place your phone on the monitor, apply the home blood pressure cuff, and launch the measurement directly from the Ortus App.



With its long battery life, you can do up to 500 measurements with a single charging.

## Specifications

**Connectivity:** Bluetooth 4.0

**Dimensions:** 115 mm x 115 mm x 66.5 mm

**Cuff circumference:** 22 - 42cm

**Weight:** 240g (without cuff)

**Measuring method:** oscillometer method using inflation and automatic measuring

**Measuring range:** Sys: 60-260mmHg / Dia: 40-199mmHg; Pulse: 40-180bts/min

**Power supply:** DC 5V 1A

**Battery:** 1x3.7V Li-ion 2200mAh

**Battery life:** 500 uses in a full charge

**Conditions for use:** Temp: 10° C ~ 40° C; Humidity: <85% RH

**Conditions for transport and storage:** Temp: -20° C ~ 50° C; Humidity <85% RH

**in the box:** 1 iHealth Ease blood pressure monitor, 1 cuff, 1 user manual, 1 USB cable

# iHealth Fit Smart Body Composition Scale

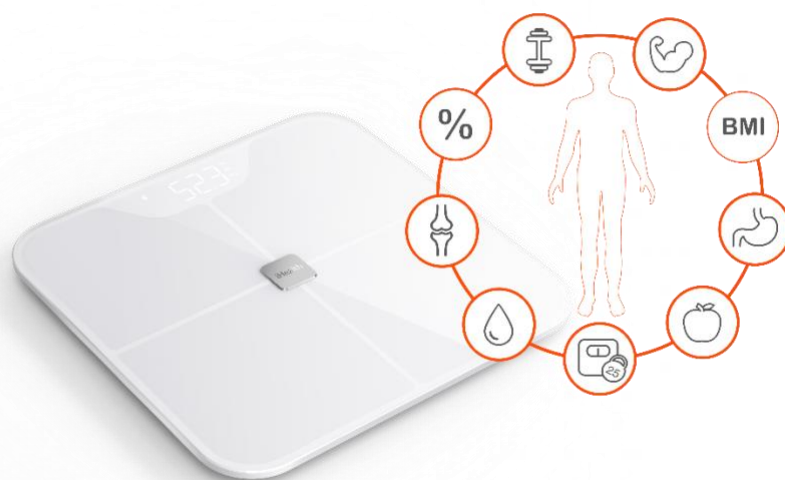
(HS2S)



## Track your weight and your body composition data

iHealth Fit is a smart Bluetooth scale measuring your weight and calculates/estimates different body composition data like BMI, body fat indices, lean body mass, muscle mass, bone mass, body fluids and your visceral fat rating.

As well as offering all the features of our classic scales (weight and BMI), iHealth Fit calculates 6 different masses, thanks to the four electrodes under your feet: Body fat, Lean body mass, Body fluids, Muscle mass, Bone mass, Visceral mass and optimal daily calorie intake.



## Specifications

**Connectivity:** Bluetooth 4.0 **Resolution:** 0,1kg

**Dimensions:** 306 mm × 306 mm × 26,6 mm **Operating conditions:** Temp.: 5 °C ~ 40 °C, humidity: 20-85% RH

**Weight:** 1850g **Transport and storage conditions:** Temp.: -20 °C ~ 55 °C, humidity: ≤90% RH

**Memory:** 8 users; 500 measurement per user **In the box:** 1 smart body composition scale iHealth Fit, 1 Quick Start Guide, 4 AAA batteries

**Power supply:** 4\* 1,5V AAA batteries

**Range: Weight:** 5kg-180kg /  
**Body fat:** 5%-65%

# iHealth WAVE Wireless Activity, Swim and Sleep Tracker Wristband (AM4)



## Keeping Track Of Your Activity Anywhere

iHealth Wave is a connected wristband that measures your activity (steps, distance, calories), sleep as well as swimming (duration, types of swims, movements).



Set goals for yourself, view your data and graphs at any time. Keep track of your history so you can see how your measurements are progressing. Sync all the data from the wristband via Bluetooth 4.0 with the Ortus app.



## Specifications

Displays time and date Programmable vibrating alarms

Connectivity: Bluetooth 4.0 BLE Waterproof 30 m

Weight: 35g Power

Supply: DC5.0V 140mA

Battery: 1 x 3.7V Li-ion 100mAh

Battery life: 3 years Compatible with iOS® and Android®

# iHealth AIR Wireless Pulse Oximeter+1 lanyard

(PO3M)

## Wireless And Lightweight Pulse Oximeter

Accurately measure your blood oxygen level, pulse rate, and perfusion index with our wireless pulse oximeter. Clinically tested. The pulse oximeter can be worn on a lanyard during activities and quickly clipped to your finger for a reading, anytime, anywhere.

View your results from the pulse oximeter immediately on the device screen. Simultaneously track those results with the Ortus app.



## Specifications

### Dimensions

Machine size: 62mm x 33mm x 28mm

### Range & Battery

SpO2 measuring range: 70-99%

SpO2 accuracy: 70-99%,  $\pm 2\%$ ; <70%, no definition

Pulse rate measuring range: 30-250bpm

Pulse rate accuracy:  $\pm 2$ bpm or  $\pm 2\%$  larger one

Power: Battery, 3.7V li-ion, 300 mAh

### Operation & Storage

Operating temperature: 5°C-40°C

Operating humidity: <80%

Storage and transport temperature: -20°C-55°C

Storage and transport humidity: <95%

### What's Included

- 1 Wireless Pulse Oximeter
- 1 Lanyard
- 1 User Manual
- 1 Quick Start Guide
- 1 USB charging cable

# iHealth CLEAR Smart Wi-Fi Arm Blood Pressure Monitor (BPM1)



## Smart Blood Pressure Monitor

iHealth Clear (BPM1) is a wireless blood pressure monitor that measures blood pressure and pulse and detects arrhythmias (irregular heartbeats).



This Smart Wi-Fi blood pressure monitor has a one-size cuff. It adapts to any arm circumference from 22 to 42 cm.

## Characteristics

**Connectivity:** Wi-Fi IEEE802.b/g/n.

**Cuff circumference:** 22-42 cm (other sizes to come)

**Dimensions:** 119mm x 118mm x 51mm

**Weight:** 350g

**Method of measurement:** Oscillometer with automatic inflation/deflation

**Power supply:** Operates on batteries (Li-ion 2200mAh 1\*3.7V) 180 measurements on a full charge

**Measurement range:** Sys: 60-260mmHg / Dia: 40-199mmHg / Pulse: 40-180bts/min

**Conditions for use:** Temp: 10 ° C ~ 40 ° C, humidity: <85% RH

**Conditions for transport and storage:** Temp: -20 ° C ~ 50 ° C, humidity <85% RH

**In the box:** 1 iHealth BP Clear blood pressure monitor, 1 cuff (22-42cm), 1 user manual, 1 charging cable.

# iHealth View Smart blood pressure monitor



(BP7S)

## View Connected Wrist Blood Pressure Monitor

Measures blood pressure, heart rate and detects arrhythmia. Find the perfect position on your wrist with the gauge on the screen and see the results directly on the monitor's LED screen.



iHealth View can memorise up to 120 measurements before being synchronised, allowing you to use it with or without your smartphone. Data can be synchronised to the Ortus App.

## Characteristics

**Connectivity:** Bluetooth 4.0

**Dimensions:** 72 x 74 x 17.6mm

**Screen dimensions:** 44 x 26mm

**Armband dimensions:** 13.5cm-22cm

**Weight:** 120g

**Measuring method:** oscillometer method using inflation and automatic measuring

**Power:** DC: 5V, 1.0A, 1 x 3.7 V Li-ion 400mAh

**Measuring range:** Sys: 60-260mmHg /  
Dia: 40-199mmHg / Pulse: 40-180bts/min

**Conditions for use:** Temp: 5 ° C ~ 35 ° C, humidity: 20-90% RH

**Conditions for transport and storage:** Temp: -20 ° C ~ 55 ° C, humidity <95% RH

**Inside the box:** 1 iHealth View blood pressure monitor, 1 Quick installation guide, 1 User manual, 1 Mini USB cable, 1 Transport pouch

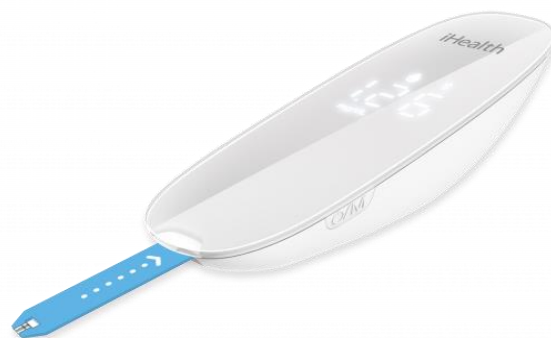
# iHealth GLUCO+-Kit Smart Gluco-Monitoring system (BG5S-KIT)



## Track Your Blood Sugar Levels Easily

The improved iHealth Gluco blood glucose meter, iHealth Gluco+, integrating Bluetooth technology to make connecting even simpler. iHealth Gluco+, designed for diabetic patients, measures blood sugar levels.

Results are displayed on the screen or on the App. Track your results and consult your history. iHealth Gluco+ is an in vitro diagnostic medical device.



Its battery provides blood sugar level readings for one month. As soon as the battery is low, it will let you know. Keep the device safe and carry it with you on the go using its practical storage pouch.

## Specifications

**Connection:** Bluetooth V4.1 BLE

**Dimensions:** 98mm x 35mm x 27.8mm

**Accuracy:** 20mg/dL - 600mg/dL

**Blood volume:** min. 0.7  $\mu$ L

**Battery:** Li-Ion 3.7VDC

Only compatible with iHealth test strips - Not included.

**Inside the box:** 1 iHealth Gluco+ connected blood glucose meter, 1 travel pouch, 10 lancets, 1 lancing pen, 1 quick installation guide, 1 user manual, 1 USB charging cable.

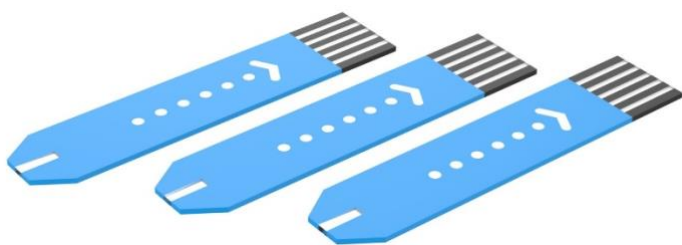
# iHealth Codeless Blood Glucose Test Strips & Microliter

(EGS-2003)



## Designed For Accuracy And Ease

You no longer need to scan the code of each vial, as with the AGS-1000I. There is no coding for EGS-2003 strips. After selecting the correct test strip type in the app and syncing with the iHealth glucose meter (The BG1 and BG5S), just insert the strip and use.



Small blood sample size – only 0.7  $\mu$ L

No coding means one step less.

High stability, not affected by the oxygen partial pressure

Long shelf life, expires **24 months** from manufacture date and 5 months after opening with proper storage.

## Specifications

- Compatible to iHealth's two portable glucometers, the BG1 and BG5S
- Result range: 20 mg/dL ~600 mg/dL (1.1 mmol/L~33.3mmol/L)
- Blood source: Fresh capillary whole blood
- Blood volume: Min. 0.7 micro litre
- Store the test strip vial between 39°F ~ 86°F (4°C to 30°C) and 10% ~ 85% relative humidity.
- Operating conditions: 50°F – 95°F (10°C – 35°C)
- Blood glucose test strips expire 150 days after opening. Write the expiry date on the test strip vial when first opening.
- 2 vials of blood glucose test strips, each contains 25 test strips
- 50 blood glucose test strips
- If one type of strips is selected in the app, do not use other strip types to avoid any inaccurate results. If you change the type of strips you are using, remember that you must change it accordingly in the app and sync with the glucose meter.

# iHealth Lancing Device

(Ald-602)



## Easy Manipulation and Lancets Change

Sampling pen iHealth for personal blood glucose testing. The pen for 30 GI lancets. The iHealth lancet attachment allows removal from the finger, forearm, shoulder, palm, thigh and calf.

It is possible to adjust the injection depth for optimal blood sampling for weak to very thick skin (5 degrees).

Bought individually, lancets for iHealth glucose meter 50 disposable lancets (30-gauge) for use with the iHealth lancing device. Glucose lancets are special blades for diabetics that allow skin punctures to collect a blood sample needed to measure blood glucose levels.

## Specifications

**Meter type:** Lancing device

**Memory capacity:** 0x

**Test strips used:** iHealth Test Strips

**Power supply:** None

**Package dimensions**

**Length:** 13.52 cm

**Width:** 3.93%

**Height:** 2.76 cm

**Weight:** 43g



# iHealth ThermoPro Non-Contact Thermometer

(NT13B)



## Easy To Use, Accurate, Smart

An ultra-sensitive infrared sensor that measures the infrared energy emitted by the forehead.

With the iHealth ThermoPro non-contact thermometer, you can monitor hygienically and with great accuracy the temperature of your patients.

A distance sensor that ensures that measurements are taken no more than 3 cm from the forehead to avoid errors. Measurements are transferred through Bluetooth to your application.



## Technical specifications

**Model:** NT13B

**Measurement units:** °C and °F

**Measurement distance:** less than 3cm (1.18in)

**Power source:** 2x1.5V AAA batteries

**Measurement site:** forehead

**Display resolution:** 0.1°C

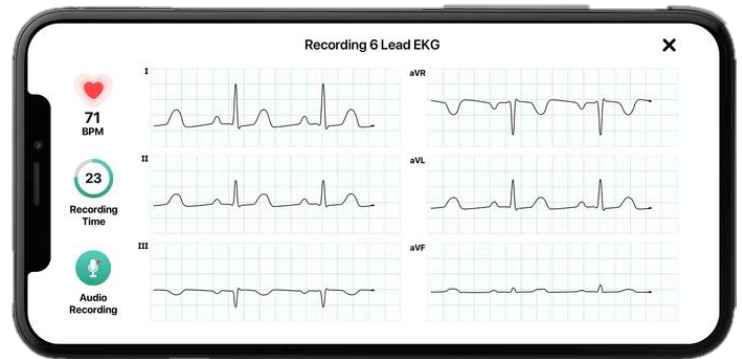
**Operating conditions:** Temperature: 15°C ~ 35°C; Humidity: ≤95% RH ; Pressure: 700~1060 hPa

**Conditions for transport and storage:** Temperature: -25°C ~ 55°C; Humidity: ≤95% RH; Pressure: 700~1060 hPa

**Connectivity:** Bluetooth Smart; Frequency: 2402~2480MHz ; Output power range: ≤4dBm

## Take A Six-Lead ECG From Home

KardiaMobile 6L with KardiaCare gives you the power to record six-lead ECGs and detect 6 of the most common arrhythmias—the most advanced personal ECG technology in the world. Get an accurate analysis of your ECG, clinician reviews, heart health reports and more.



- Six leads, six times the heart data: More heart data than ever before, right at your fingertips. Get more leads of heart data to help your doctor better care for your heart.
- Record an ECG anytime, anywhere: KardiaMobile 6L is portable and works wherever you are. Take medical-grade ECGs from anywhere and get results in just 30 seconds.
- FDA-cleared and doctor recommended: The most clinically validated 6-lead personal ECG, CE marked and FDA-cleared to detect Atrial Fibrillation, Bradycardia, and Tachycardia. It's a personal ECG you can trust.
- Easy to use: Place your fingers on the top two electrodes and touch the bottom electrode to your left ankle or leg. No wires, patches, or gels required.
- Store your ECGs on your phone: Save your ECGs on your phone or send them to your doctor for review remotely. Use your ECGs to track your heart activity over time and discuss with your care team at your convenience.



# Omron: Blood Pressure Monitor and Electrocardiogram

(HEM-7530T-E3)



## Gives You Easy, Instant And Accurate Results.

The OMRON Complete is an accurate and easy blood pressure monitor with ECG recording. This monitor records measurements and tracks data. The clinically validated OMRON Complete is a 2-in-1 smart home blood pressure monitor and ECG. Easily take two critical measurement in one go, for hassle-free heart monitoring from the comfort of home.

Quickly screen for a range of heart conditions at once, including Heart rhythm irregularities, such as AFib, tachycardia, bradycardia as well as hypertension. Receive clear and easy to understand results in the OMRON connect, a free app that seamlessly stores your results and can securely share them with your doctor.



## Specifications

**Device type:** Electrocardiogram

**Cuff type:** Easy Cuff 22–42 cm

**Memory:** 90 Readings

**Weight (kg):** 0.55

**Averaging Function:** Yes

**Irregular heartbeat detection:** Yes

**Body Movement Detection:** Yes

**Intellisense Technology:** Yes

**Consumer or Professional:** Consumer

**Storage case included:** Yes

**Connected:** Yes

**Compatible mobile app:** Compatible with Omron connect app

### What's in the box

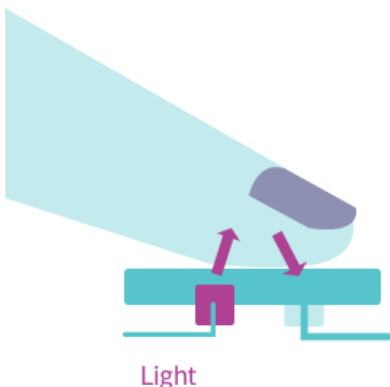
1x Complete 2-in-1 blood pressure monitor and ECG with 22 – 42 cm Easy cuff, 4 x AA batteries, instruction manual, storage case



Omron

## Scientifically Backed and Effective Monitoring Tools

Included as required by the pathway integral in the Ortus Android and Apple apps is the Happitech PPG toolset, which is a scientifically backed and effective monitoring tool designed explicitly for the medical community. Utilising smartphone-based method, accessing reliable, effective and powerful monitoring is easier than ever.



## Responsible AI

AI and integration means Happitech is an ideal addition to existing smartphone applications, adding medical-grade level monitoring of vital signs to virtual services.

## PPG technology

PhotoPlethysmoGraphy (PG) is a highly accurate and effective way to measure blood flow based on light level reflected in the blood, allowing Happitech to turn information into data with the use of a single fingertip, and the flashlight provided on any modern smartphone.

## Measuring Heart Rate

Happitech's innovative SDK measures and analyses this level of light absorbency, allowing for the quick and easy monitoring of any changes and inconsistencies without the need for patients to leave their own homes.

## Smartphone-Only Technology

Happitech SDK is specifically designed to work as part of a smartphone application, providing a simple but effective way to monitor heart rate in seconds. Utilising the rear camera, our API can accurately measure your heart rate.

## Hardware-free technology

No need to send additional devices. Integrate vital signs monitoring into existing mobile apps

## The Ortus Patient Apps (iOS and Android)

The Ortus Apps support direct entry by patients of data from legacy non-Bluetooth devices and can when instigated by the patients, collect data directly from devices supporting Apple Health, Garmin and Fitbit connectivity, devices supported by manufacturers provided integration option. This listing includes devices connecting by direct manufacturers integrations.

### Omron

VIVA (HBF-222T-EBK)  
EVOLV (HEM-7600T-E)  
RS3 Intelli IT (HEM-6161T-E)  
X4 Smart (HEM-7155T-ESL)  
X7 Smart (HEM-7361T-ESL)  
RS7 Intelli IT (HEM-6232T-E)  
M4 Intelli IT (HEM-7155T-EBK)  
NightView (HEM-9601T-E3)  
WheezeScan (HWZ-1000T-E)  
Eco Temp Intelli IT (MC-280B)  
Complete (HEM-7530T-E3)  
P300 Intelli IT (HPO-300T)  
HN300T2 Intelli IT Grey (HN-300T2-EGY)  
M7 Intelli IT (HEM-7361T-EBK)  
HeartGuide (HEM-6411T-MAE)  
M2 Intelli IT (HEM-7143T1-EBK)  
HN300T2 Intelli IT Black (HN-300T2-EBK)

### Other

Ortus Happitech  
Alivecor - KardiaMobile 6L  
KardiaMobile 1L (AC-009-UA-C)  
  
Viatom  
O2 Oximeter Ring (Adult and Children's)  
Baby Oxygen Monitor  
Wrist Oximeter

### iHealthLabs

Connected Blood Pressure Monitor iHealth Track (KN-550BT)  
Smart wrist blood pressure monitor iHealth Push (KD-723)  
Smart arm blood pressure monitor iHealth Neo (BP5S)  
Smart arm blood pressure monitor iHealth Ease (BP3L)  
iHealth CLEAR Smart Wi-Fi Arm Blood Pressure Monitor (BPM1)  
Cuff for Blood Pressure Monitor iHealth Feel (BP5)  
Large cuff (42-48cm) for iHealth Track/Ease/BPST2  
Universal cuff for iHealth Track/Ease  
iHealth Fit smart body composition scale (HS2S)  
Smart body analysis scale - iHealth Core (HS6)  
iHealth WAVE Wireless activity, Swim and sleep tracker wristband (AM4)  
iHealth AIR Wireless Pulse Oximeter+1 lanyard (PO3M)  
iHealth View (BP7S) Smart blood pressure monitor  
iHealth GLUCO+-Kit Smart Gluco-Monitoring system (BG5S-KIT)  
iHealth Codeless Blood Glucose Test Strips & microliter (EGS-2003)  
iHealth Lancing Device (ALD-602)  
iHealth Lancets (50 pcs) (30G)  
iHealth Lancing Pen  
iHealth ThermoPro non-contact thermometer (NT13B)

Contact us