



# A&D Medical

## Product Catalog

2022





# About A&D Medical

Is your blood pressure measurement accurate? Many factors affect your blood pressure and cause you to register different blood pressure measurements throughout the day; smoking, drinking coffee, obesity or even the nervousness you experience at the doctor's office. To obtain an accurate blood pressure measurement, physicians recommend that you periodically take your blood pressure measurement at different times of the day. This is not only an important part of "preventive medicine," but it provides vital information for your physician to diagnose your condition and monitor the effectiveness of treatment.

At A&D, we have a broad commitment to promote a high quality of life for ordinary people. Since 1979, with the introduction of our "digital blood pressure monitor for the home," A&D has continued to design reliable medical devices for both home healthcare and healthcare professionals. In 1984, we made home blood pressure monitoring commonplace by refining our oscillometric technology. The oscillometric method went on to become the standard method for digital blood pressure monitoring in the home. Even though we were very proud of our accomplishments, we understood back then that our innovative technology would lead to further advances in patient care.

As leaders in blood pressure technology, we began the expansion of our product line. Starting in the late 1980's, we expanded our product line to include

ambulatory blood pressure monitors, bedside monitors and fully automatic monitors. Furthermore, because of the adverse health effects caused by devices that contained mercury, we went to work and developed an alternative: a mercury-free sphygmomanometer. Our sphygmomanometer is safe for you and safe for the environment. No wonder A&D products are trusted by hospitals, research institutes, clinics, and at home.

Today, our product range encompasses medical weighing products, thermometers, nebulizers as well as telemedicine devices. Telemedicine devices are part of a future generation of medical devices that enable secure wireless communications between patients and doctors. Long distance, inexpensive patient care just became easier.

"Discover Precision" means that we will play a leading role in bringing precisions to the world while facing the important challenges that lead us to new discoveries. As technology and business environments evolve, so too do the needs of customers and society. A&D is not satisfied to simply provide for the present, but rather will strive to become a pioneer of discoveries for future needs of society. We will continue to take on new and diverse business challenges through our advanced technologies and products that help connect the analog with the digital world.



# Our Company

## Quality system

A&D products conform to numerous design and manufacturing standards. In addition, to conform to stringent global requirements in Japan and abroad, we received our ISO 9001 Quality System Certification in 1995. An additional certification is required for designing and manufacturing medical devices – ISO 13485.

## Design

A&D is proud to be a Japan-based global manufacturing company. Our Technical Center is located in Kitamoto, Japan, approximately 40 km north of Tokyo. Our research and development activities, in accordance with ISO 9001 & ISO13485 are conducted at this location. Our goal is to deliver the highest quality at the most competitive price in response to market demands. Our engineers in Kitamoto are responsible for:

- New product development
- Overseeing the activities of our off-shore manufacturing
- Managing service support for our worldwide dealers and sales force
- Implementation of ISO 9001 and ISO13485, and compliance with the medical regulations
- Overall management of our corporate quality program

## Manufacturing

At A&D, we continuously strive to improve quality. We are also a low cost supplier, maintaining our competitive edge in the marketplace, yet we are still known for our high quality and innovative designs.

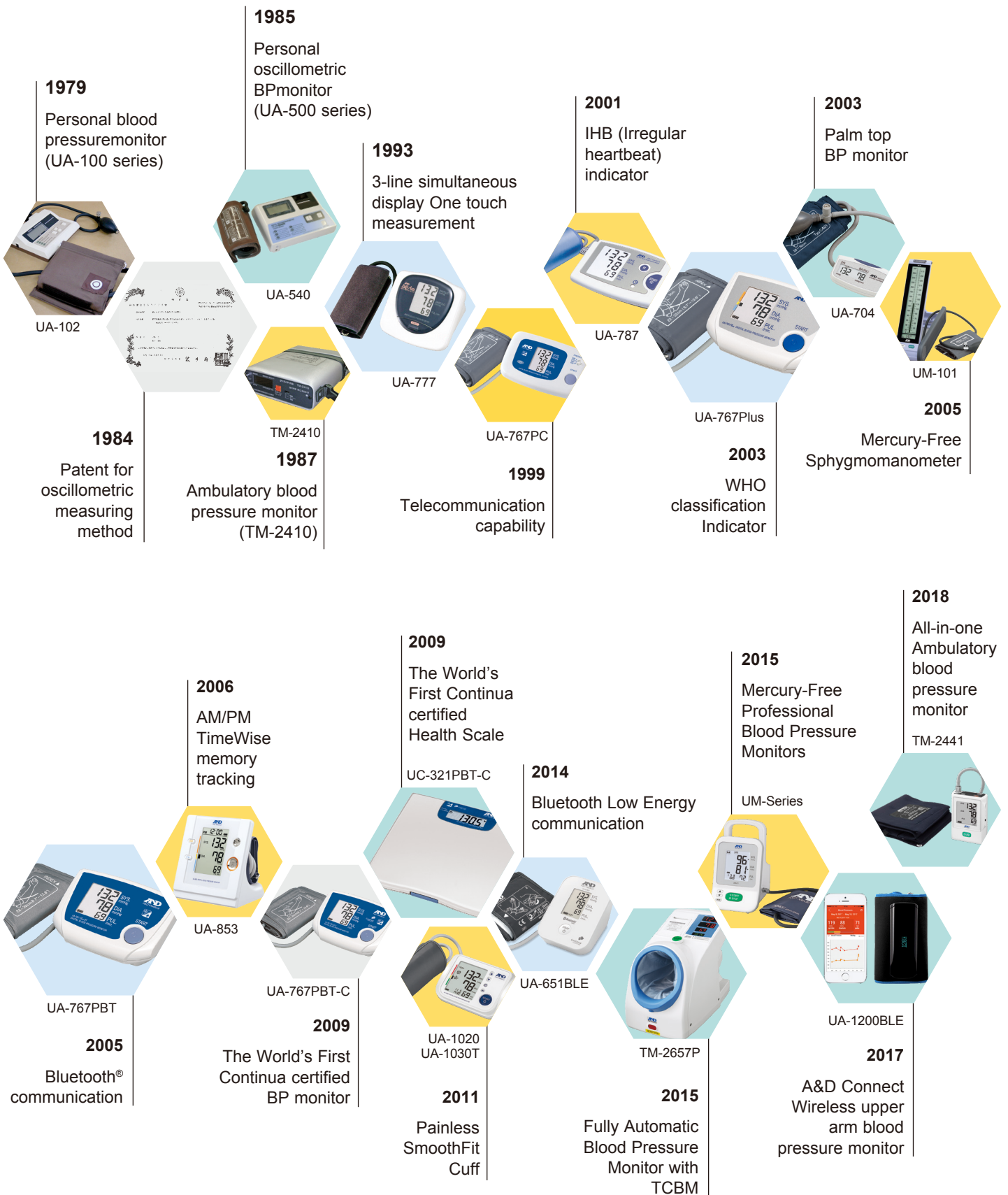
## Mission statement

A&D's core technology of analog and digital conversion enables us to understand and utilize information within the environment. With this competency, we provide tools using precision measurement and controlling technology and assist customers to create added value and contribute to the development of industry and healthy living.

## Belief

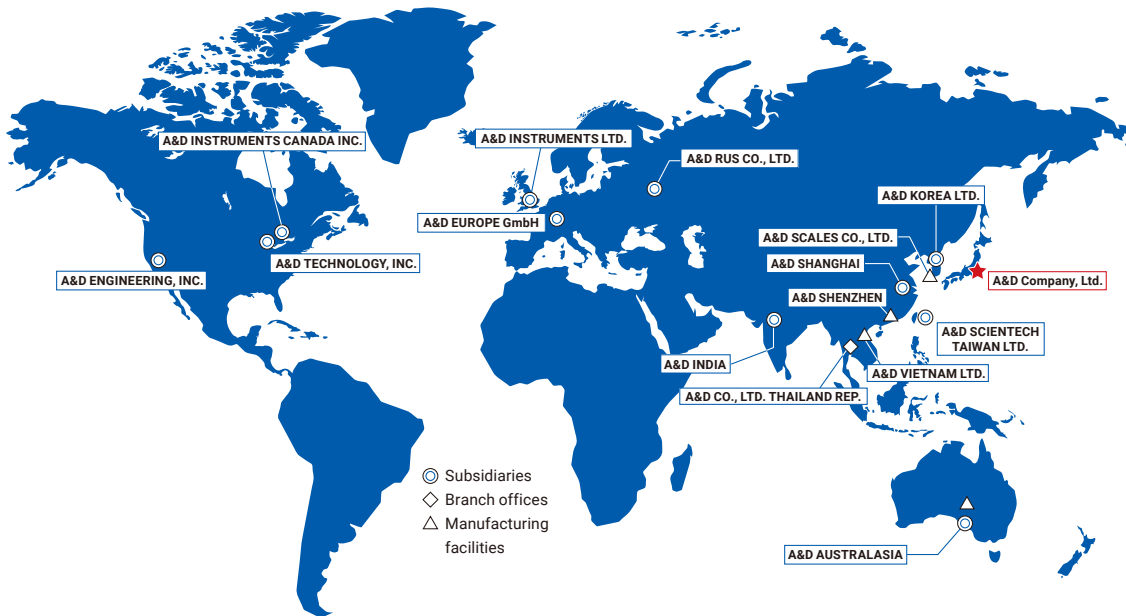
We strive for “HONMONO”, welcome challenges, and are relentless till we deliver solutions. HONMONO is our company belief and its literal translation from Japanese into English is “real thing.” To A&D, HONMONO represents a product, service or an intangible asset that offers not only an improvement in technology but also a product ensuring customer satisfaction to the highest degree. It also implies that the people involved work in a sincere and committed manner while always keeping a clear vision of the essence of the company in mind.

## 1. Long History of Our Innovation



# Reasons to Choose A&D Medical

## 2. Worldwide Sales Network



## 3. Professional Technology Categories of Blood Pressure Monitor



**OBPM**  
(Office Blood Pressure Monitoring)



**HBPM**  
(Home Blood Pressure Monitoring)



**ABPM**  
(Ambulatory Blood Pressure Monitoring)

A&D is the only manufacturer which can cover all three categories in the industry. Our fundamental HBPM technology comes from OBPM and ABPM professional products.

## 4. Clinical Validations

A&D thinks 'Accuracy' should be of prime importance in using a blood pressure monitor regularly. Our blood pressure monitors have been evaluated for measurement accuracy using British Hypertension Society (BHS), AAMI/ISO 81060-2:2013, and European Society of Hypertension (ESH) standards.

\*Please refer the list of A&D blood pressure monitors at P.50-51.



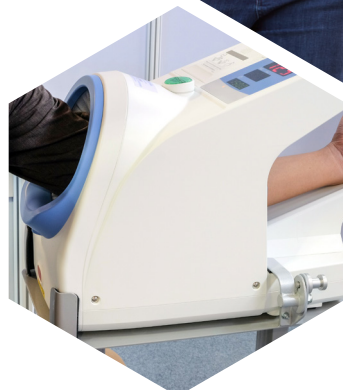
# Professional

A&D offers a variety of best-in-class blood pressure monitors for offices, hospitals, clinics, and other care facilities. Our ABPMs enable detailed blood pressure analysis for hypertension diagnosis, and our fully automatic monitor enables patients to take their own measurements. Also our mercury-free sphygmomanometer eliminates the hazards of handling toxic metals in medical environments. We supply professional medical products, as we recognize that the links between blood pressure and disease risk are of great concern to customers worldwide.



# Professional

Blood Pressure Monitors  
and Scales



# Professional Blood Pressure Monitors

## Ambulatory Blood Pressure Monitors



### TM-2441

24 hour ambulatory blood pressure monitoring is a critical diagnostic tool in the assessment and management of hypertension. The TM-2441 ABPM features an all-in-one design and it is equipped with advanced sensors and a large display to enable in-clinic spot checks as well as 24 hour monitoring.

- 24-hour ambulatory blood pressure monitoring
- Self-measurement
  - OBP: Office Blood Pressure
  - AOBP: Automated Office Blood Pressure
  - HBP: Home Blood Pressure
  - ANBP: Automated Night Blood Pressure
  - ASBP: Automated Self Blood Pressure
- Easy to use mode slide switch
- New pulse correction algorithm for faster measurement and noise rejection
- Battery powered (2 alkaline or Ni-MH “AA”)
- Output of data to analysis software (included with device)
- USB & Bluetooth® Low Energy Connectivity
- Ingress protection IP22
- Protocol ISO81060-2



#### Self measurement mode displays

LED display: This large display shows data from measurements in self-measurement mode. You can easily check the time until the next ABPM measurement in addition to values in self-measurement mode. There are also icons for battery level, Bluetooth status, IHB detection, clock, mode and memory status.

### TM-2440

The TM-2440 ABPM is an ultra-lightweight device that is designed to maximize patient comfort to obtain measurements throughout the day and during sleep hours.

- 24-hour ambulatory blood pressure monitoring
- Light weight & compact size
- 120 g\*, 66(W)×24.5(H)×95(D) mm \*Without batteries
- OLED display
- New pulse correction algorithm for faster measurement and noise rejection
- Battery powered (2 alkaline or Ni-MH “AA”)
- Output of data to analysis software (included with device)
- USB connectivity
- Ingress protection IP22
- Protocol ISO81060-2



# Professional Blood Pressure Monitors

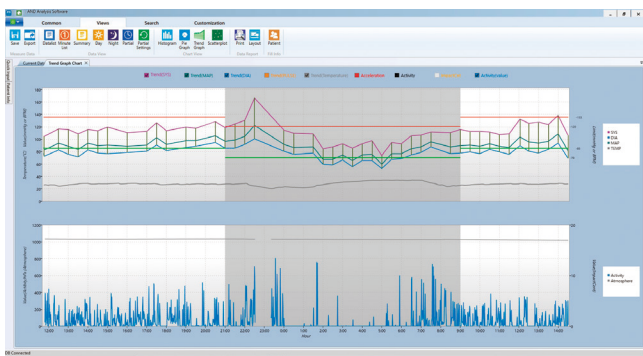
## Ambulatory Blood Pressure Monitors



		TM-2441	TM-2440
External dimensions	W × H × D (mm)	66 × 24.5 × 95	66 × 24.5 × 95
Weight	Without batteries	135 g	120 g
Power supply	Alkaline or Ni-MH "AA" batteries	2 × LR6("AA")	2 × LR6("AA")
Memory data	Number of datasets	600	600
BP measurement function	ABPM	●	●
	Self-Measurement	●	
IHB	Irregular heartbeat	●	●
Record pulse wave	Use data manager software	●	●
Multi sensor	Activity / Temperature / Atmospheric pressure	●	
Data communication	USB1.1 compliant	●	●
	Bluetooth (SDK available for Medical Developer)	●	
Display	LCD: Self -BP measurement display	●	
	OLED: ABPM display	●	●
Clinical trial	ISO 81060-2:2013	●	●

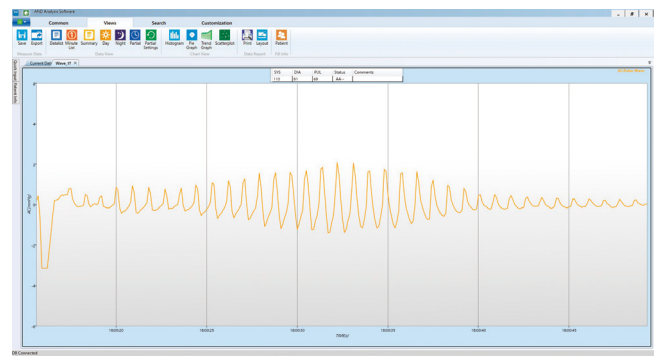
## ABPM Data Manager (Included with every unit)

### Multi sensor data as well as BP data



An easy-to-use software platform to track, trend, and report the data generated by A&D Medical's Ambulatory Blood Pressure Monitors.

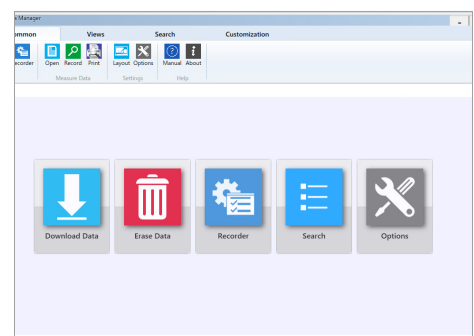
### Waveform data recording and displaying



The TM-244x series records blood pressure as an oscillometric waveform. With our new ABPM Data Manager software you can check the waveform record for each measurement. Quickly determine the accuracy of measured values.

### System requirements

- Computer CPU: 1 GHz or higher processor
  - Memory: 1 GB or more (×86), 2 GB or more (×64)
  - Operation System (recommended): Windows 11 (×64), Windows 10 (×86/×64), Windows 8.1 (×86/×64),
  - SVGA: Recommended 800×600 pixels or more
  - Disk: CD drive (drive corresponding to enclosed media)
  - Hard disk: Available space of 16 GB or more (×86)  
Available space of 24 GB (×64)
  - Printer: Environment in which XPS format files can be printed
- A&D Medical aandd.jp



# Professional Blood Pressure Monitors

## UM-Series – Mercury-Free



**UM-102**



**UM-211**

### Solution for Hospitals

- **Durability & ease-of-clean**

The body and cuff of the UM Series are chemical resistant and easy to clean with the antiseptic solutions (such as ethanol, chlorhexidine gluconate and benzalkonium chloride).

- **Fits various patients**

The designed professional cuff of the UM Series ranges from SS to LL (5 sizes), 12cm to 50cm for the arm circumference.

Cuff model	Arm size	REF (for UM-102)	REF (for UM-211)
SS (Extra-small)	12 cm - 17 cm	CUF-KW-SS	UM-SSRS4K1KEC
Small adult	16 cm - 24 cm	CUF-KW-SA	UM-SARS4K1KEC
Adult	22 cm - 32 cm	CUF-KW-A	UM-AURS4K1KEC
Large adult	31 cm - 45 cm	CUF-KW-LA	UM-LARS4K1KEC
LL (Extra-large)	41 cm - 50 cm	CUF-KW-LL	UM-LLRS4K1KEC

- **Easy to store & easy to carry**

In order to safely and securely carry the device, a cuff holder and grip for carrying are available for the UM Series. Highly convenient to carry from room to room, patient to patient.



**B-Type**

**UM-102**



**A-Type**



**UM-211**



# Professional Blood Pressure Monitors

## UM-Series – Mercury-Free



### Mercury-Free Sphygmomanometer

## UM-102

### Mercury-Free / Auscultatory Measurement / Digital Display

In 2005, A&D developed the world's first hybrid traditional style sphygmomanometer. UM-102 is the 2nd generation model in this category. Two separate versions of the UM-102 are available. We provide a standard portable model as well as a dual-use model.

- Auscultatory blood pressure measurement
- Digital readout for pulse rate
- Cuff holder and grip for carrying
- Durable and chemical resistant body
- Full ABS housing light weight body
- Professional cuff and 5 cuff sizes are available for use
- Adjustable display column for easier analysis of result
- Easy battery replacement
- Anti-glare display minimizes reflected light



A-Type



B-Type



\*Optional mobile stand available



## UM-211

UM-211's auscultatory mode is designed for daily and frequent use. Selectable deflation speed (2.5mmHg / sec. or 5.0mmHg / sec.) is a feature 'Only from A&D'.

The UM-211 automated office blood pressure monitor provides your office with a consistent, highly accurate and reliable blood pressure measurement tool. Its features and durability are designed to meet the needs of in-clinic or office settings.

- Dual measurement mode (Auscultatory and Oscillometric)
- Cuff holder and grip for carrying
- Durable and chemical resistant body
- Professional cuff and 5 cuff sizes are available for use
- Large LCD display with backlight
- Rechargeable battery (300 measurements at full charged)
- Adjustable inflation pressure (AUTO/220/250/280)
- Irregular heartbeat indicator (IHB)
- Room temperature display



# Professional Blood Pressure Monitors

## UM-Series – Mercury-Free



### UM-212BLE

The electronic medical blood pressure monitor UM-212BLE is ideal for use at medical sites such as hospitals, clinics, hospitals, and nursing care facilities. Upper-arm electronic medical blood pressure monitors are recommended as an alternative to mercury-column blood pressure monitors.

- Includes functions for auscultation, automatic, and multiple measurement functions
- Bluetooth Low Energy (Ver.4.1)
- Up to 15 units can be registered with multi-pairing
- Cuff holder and grip for carrying
- Durable and chemical resistant body
- Professional cuff and 5 cuff sizes are available for use
- Large LCD display with backlight
- Rechargeable battery (300 measurements at full charged)
- Adjustable inflation pressure (AUTO/220/250/280)
- Irregular heartbeat indicator (IHB)
- Room temperature display

Note: Product specifications are subject to change without notice for improvement purposes.



### A multiple average measurement mode recommended by the guidelines.

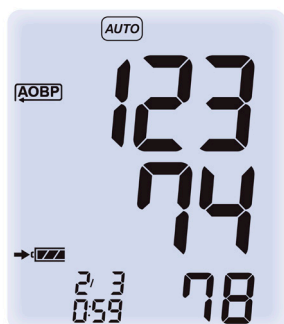
#### ESC/ESH Guideline 2018 > 4 Blood pressure measurement

Three BP measurements should be recorded, 1–2 min apart, and additional measurements only if the first two readings differ by >10 mmHg. BP is recorded as the average of the last two BP readings.

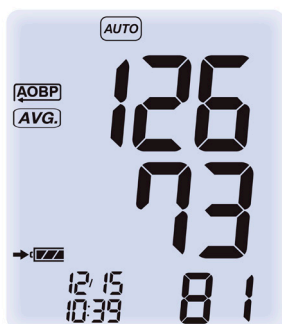
#### ACC/AHA Guideline 2017 > 4 Measurement of BP

Because individual BP measurements tend to vary in an unpredictable or random fashion, a single reading is inadequate for clinical decision-making. An average of 2 to 3 BP measurements obtained on 2 to 3 separate occasions will minimize random error and provide a more accurate basis for estimation of BP.

### Multiple Measurement Function (AOBP Modes)

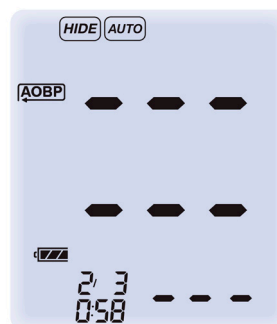


After the resting time has elapsed, multiple measurements are made at specified time intervals.



After the measurement is completed, the average value is displayed.

### HIDE Function



Measured values are not displayed when HIDE is set.

# Professional Blood Pressure Monitors

## Fully Automatic Blood Pressure Monitor

Made in Japan

### TM-2657P

The TM-2657P is the latest model in the range of A&D freestanding fully automatic blood pressure monitors. A&D first launched the Waiting Room monitor over 10 years ago, and it is widely used in pharmacies, hospitals and GP surgeries. TM-2657P can be used as a Kiosk.

- Compact design for measurement of either arm
- One-touch measurement
- High speed printer and easy paper replacement
- High durability arm cuff unit (same as the TM-2655 Series)
- Large LED display
- Irregular heartbeat (IHB) indicated on printout
- Optional extension board (RS-232C, Bluetooth, USB, BLE)
- Various print formats available upon user request
- Printed logo can be easily changed with an SD card
- Easy to clean surfaces
- Antibacterial arm cuff cover (included as standard)

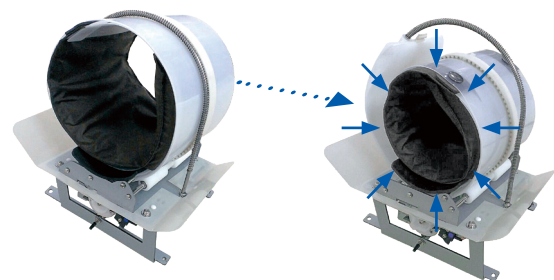


### “Torque Controlled Belt drive Method” (TCBM) adopted in our cuff fastening method

Accurate and reliable oscillometric measurement of blood pressure on the upper arm relies on correct cuff/bladder dimensions and pressure applied.

The A&D Torque Controlled Belt drive Method (TCBM) holds the upper arm perfectly with the essential personalized cuff circumference, the same measurement preparation carried out by clinical nurses.

This optimum ergonomic design enables the users to measure their blood pressure with accuracy, ease, safety, high speed and comfort.



### Option extension communication board for TM-2657P

- TM-2657-01-EX RS-232C communication board (with MiniDIN 8pin and D-Sub 9pin)
- TM-2657-02-EX USB Type-A, Type-B communication board
- TM-2657-03-EX RS-232C communication board (with D-Sub 9pin)
- TM-2657-04-EX RS-232C and Bluetooth communication board (with D-Sub 9pin and Bluetooth Low Energy)
- TM-2657-05-EX RS-232C and Bluetooth communication board (with D-Sub 9pin and Bluetooth)

# Professional Blood Pressure Monitors

## Non-Invasive Blood Pressure Module

### TM-2917

A&D has newly released the TM-2917 Blood Pressure Module, which has compatibility with the previous model TM-2915. The TM-2917 can select either inflation or deflation measurement mode.

- Adopt the wide range cuff (22 cm - 42 cm) as well as 5 other types of cuffs
- Dual-rolling pump
- Equipped with LCD display
- Power source 5 V - 12 V
- IHB screening function
- ISO81060-2 clinical protocol validated



Cuff model	Arm size	REF
SS (Extra-small) Cuff	12 cm - 17 cm	UM-SSRS2M1KEC
Small Adult Cuff	16 cm - 24 cm	UM-SARS2M1KEC
Adult Cuff	22 cm - 32 cm	UM-AURS2M1KEC
Large Adult Cuff	31 cm - 45 cm	UM-LARS2M1KEC
LL (Extra-large) Cuff	41 cm - 50 cm	UM-LLRS2M1KEC
Wide Range Cuff	22 cm - 42 cm	UM-WRRS2M1KEC
Disposable Neonatal Cuff 2(W) cm	4 cm - 5 cm	TM9155
Disposable Neonatal Cuff 3(W) cm	5 cm - 7.5 cm	TM9156
Disposable Neonatal Cuff 4(W) cm	7.5 cm - 10.5 cm	TM9157
Disposable Neonatal Cuff 5(W) cm	8.5 cm - 13 cm	TM9158

### Disposable Arm Cover

#### AS-134010367

- Disposable arm covers for the blood pressure monitor.
- These single patient use hygienic arm covers are easy to apply.
- Disposable arm covers offer cost effective protection to arms and garment sleeves.
- For the infection control
- Disposable plastic
- 400 pcs per carton (200 pcs/ batch x 2)
- Arm circumference up to 44 cm
- Translucent
- It has binding cord, you can hook it to any of the arm
- It has perforation, it is easy to detach per piece







# Professional Scales

## Barrier-free Scales

### Scale for Wheelchairs

## AD-6106R

### Model No.: AD6106R-EX

The AD-6106R is a low, flat scale that can be easily accessed by people using wheelchairs.

- Thin 69 mm scale allows easy access by wheelchairs
- Side guards ensure safe loading
- Can display measurements in lb/kg
- Tare function
- RS-232C expansion terminal
- Optional indicator stand

Technical Data	
Capacity	200 kg /440 lbs
Graduation	0.1 kg < 150 kg > 0.2 kg 0.2 lbs < 330 lbs > 0.4 lbs
Dimensions (W×D×H)	845 × 947 × 79 mm 33.3 × 37.3 × 3.1 inch
Dimensions platform (W×D×H)	659 × 704 × 79 mm 25.9 × 27.7 × 3.1 inch
Net weight	18 kg / 39.7 lbs
Power supply	4 Batteries LR20(D) / AC adapter



### Scale with Handrail

## AD-6107R

### Model No.: AD6107R-EX

The AD-6107R is a scale with a handrail to support patients during weighing. It is brightly colored to ensure correct positioning and is equipped with large, lightweight casters for portability.

- Can display measurements in lb/kg
- RS-232C expansion terminal
- Battery operation for over 200 hours
- BMI display function
- Tare function

Technical Data	
Capacity	200 kg /440 lbs
Graduation	0.1 kg < 150 kg > 0.2 kg 0.2 lbs < 330 lbs > 0.4 lbs
Dimensions (W×D×H)	613 × 653 × 870 mm 24.1 × 25.7 × 34.3 inch
Dimensions platform (W×D×H)	493 × 426 × 48 mm 19.4 × 16.7 × 1.9 inch
Net weight without batteries	17 kg / 37.5 lbs
Power supply	4 Batteries LR20(D) / AC adapter



# Professional Scales

## Bedside Scale/Baby Scale

### Bedside Scale

## AD-6121A

### Model No.: AD6121A-EX

The AD-6121A is a lightweight, portable scale ideal for bedside use.

- Can display measurements in lb/kg
- Lightweight 3 kg design with handle ensure portability and convenient storage
- Use at the bedside and store underneath afterwards
- Adjustable indicator
- Auto power off function
- Supports AA battery operation or AC adapter connection

Technical Data	
Capacity	150 kg / 330 lbs
Graduation	0.1 kg / 0.2 lbs
Dimensions (W×D×H)	315 × 314 × 57 mm 12.4 × 12.4 × 2.2 inch
Net weight without batteries	3 kg / 6.6 lbs
Power supply	4 Batteries LR6(AA) / AC adapter



### Baby Scale

## AD-6020

### Model No.: AD6020-12K-EX

The AD-6020 is a baby scale with a removable basket for easy cleaning.

- Can display measurements in lb/kg
- Ensure hygiene with easy to clean removable basket
- Large 25 mm digital display
- Supports D battery operation or AC adapter connection
- Record and recall saved measurement values with a single button

Technical Data	
Capacity	12 kg / 26 lbs
Graduation	10 g < 10 kg > 20 g 0.02 lbs < 22 lbs > 0.04 lbs
Dimensions (W×D×H)	628 × 343 × 245 mm 24.7 × 13.5 × 9.6 inch
Net weight without batteries	5 kg / 11 lbs
Power supply	4 Batteries LR20(D) / AC adapter



# Professional Scales

## Option

### AD Printer Unit

## AD-PR580

Model No. : AD-PR580-EX







#### Technical Data

Designated paper	AX-PR147-S Size : W 58 mm × L 30 m
Power supply	AC adapter



# Professional Scales

## Specification

Model No					
Model name		Barrier-free scale for wheelchairs	Barrier-free scale with handrail	Baby scale	Bedside scale
Order code No.		AD6106R-EX	AD6107R-EX	AD6020-12K-EX	AD6121A-EX
Capacity		200 kg	200 kg	12 kg	150 kg
Graduation		0.1 kg<150 kg> 0.2 kg	0.1 kg<150 kg> 0.2 kg	10 g<10 kg>20 g	0.1 kg
Dimensions minimum WxDxH		845 × 947 × 79 mm	613 × 653 × 870 mm	628 × 343 × 245 mm	315 × 314 × 57 mm
Dimensions platform WxDxH		659 × 704 × 79 mm	493 × 426 × 48 mm	600 × 320 × 170 mm	315 × 314 × 57 mm
Height measuring range		-	-	45 cm - 57 cm	-
Net weight		18 kg	17 kg	5 kg	3 kg
Power supply	AC adapter	AX-TB294 100 V - 240 V	AX-TB294 100 V -240 V	AX-TB294 100 V -240 V	AX-TB294 100 V -240 V
	Batteries	4* LR20(D)	4* LR20(D)	4*LR20(D)	4* LR6(AA)
RS232C		Yes (Dsub 9P)	Yes (Dsub 9P)	-	Yes (Min pin)
Printer		Option (AD-PR580)	Option (AD-PR580)	-	Option (AD-PR580)
Printer paper		AX-PP147-S	AX-PP147-S	-	AX-PP147-S
"Printer mounting kit (Required for printer connection)"		AD-PR580-008	AD-PR580-007	-	-
Bluetooth® converter		Yes	Yes	-	-
Communication cable		Serial cable(Cross)	Serial cable(Cross)	-	AX-KO2238
Package size WxDxH		1,030 × 940 × 135 mm (Scale) 434 × 980 × 343 mm (Stand)	690 × 928 × 664 mm	756 × 462 × 364 mm	390 × 450 × 160 mm
Package weight		23.2 kg (Scale) 9.9 kg (Stand)	22.0 kg	8.0 kg	4.36 kg

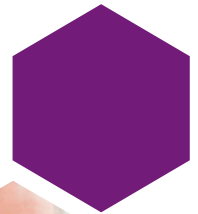


# Telemedicine

As telemedicine applications become more commonplace, A&D's clinically accurate and validated devices provide accurate blood pressure monitors and advanced weight tracking to support home patient care for chronic conditions. Giving healthcare providers the data points they need along with the necessary tools to communicate with patients and other caregivers creates the foundation of connected health, and the ability to treat new patient populations. A&D provides advanced telemedicine products to support at-home patient care while monitoring chronic conditions, such as hypertension, diabetes, and other conditions that require monitoring of weight and blood pressure.

# Telemedicine

Blood Pressure Monitors,  
Scales and Thermometer



# Medical / Home Healthcare ICT Service with A&D

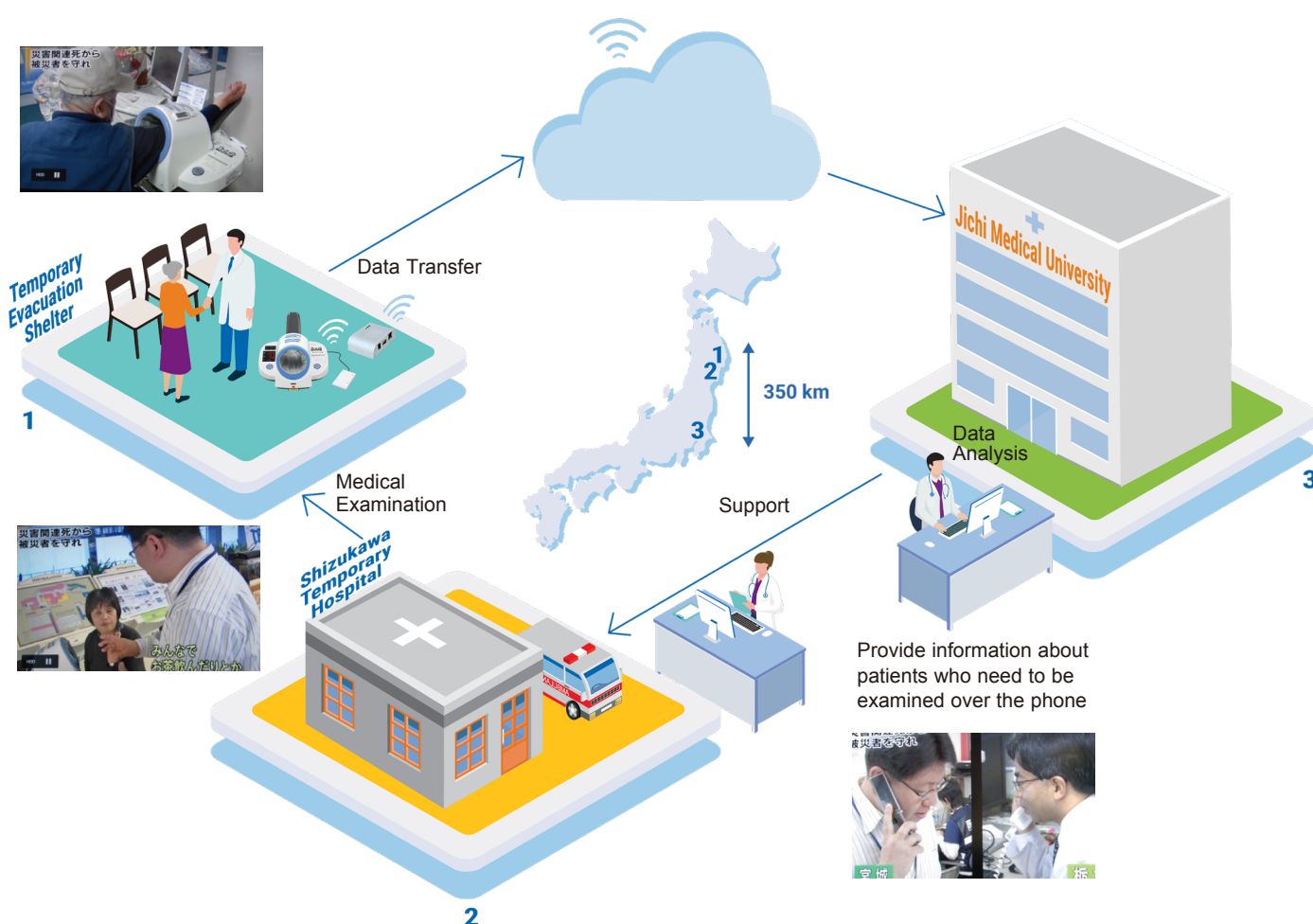
A&D has established a leading position in the global market providing telemedicine sensors to the healthcare industry. Since the 1980s, A&D has provided oscillometric blood pressure monitors for both professional and home use and this strong foundation has paved the way for our next generation product line. A&D's telemedicine product line was introduced in 1995 in response to a growing demand in the research sector for telemedicine solutions.

Since then, A&D has been recognized as the supplier of choice in the development of telemedicine sensors, in partnership with medical research and commercial companies worldwide.

## D-CAP (Disaster Cardiovascular Prevention Network)

Many of the victims who survived the immediate impact of the disaster that hit the northern region of Japan on March 11, 2011 were forced into a life of temporary emergency housing. During a disaster, the risk of severe cardiovascular disease such as myocardial infarction can increase. In this disaster, system called D-CAP was created to upload blood pressure data via the internet to a cloud-based solution and make it available to doctors and researchers throughout Japan.

A collaboration between a temporary hospital in the disaster area and a university hospital in another part of Japan was established so that critical patient data could easily be shared. A&D blood pressure monitors were installed in the temporary evacuation shelters and connected to the cloud-based data center. Then the data could be analyzed by the university and medical staff. The D-CAP system helped to identify patients with a high risk for cardiovascular disease and prevent the onset of cardiovascular events during disasters while supporting the local medical institutions





# Professional Products

## Fully Automatic Blood Pressure Monitor

### TM-2657P

- Optional extension board (RS-232C, Bluetooth®)
- Compact design for measurement of either arm
- One-touch measurement
- High speed printer and easy paper replacement
- High durability arm cuff unit
- Irregular heartbeat (IHB) indicated on printout

\*Please see p.15 for detailed features

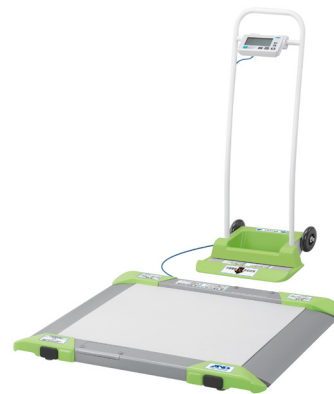


## Barrier-free Scale for Wheelchairs

### AD-6106R

- RS-232C expansion terminal
- Optional extension converter (Bluetooth)
- Thin 69 mm scale allows easy access by wheelchairs
- Side guards ensure safe loading
- Tare function

\*Please see p.18 for detailed features



## Ambulatory Blood Pressure Monitor

### TM-2441

- USB and Bluetooth Low Energy (Ver.4.1) connectivity
- 24-hour ambulatory blood pressure monitoring
- Self-measurement (OBP, AOBP, HBP, ANBP, ASBP)
- Easy to use mode slide switch
- New pulse correction algorithm for faster measurement and noise rejection
- Output of data to analysis software (included with device)

\*Please see p.10 for detailed features



## Professional Blood Pressure Monitor

### UM-212BLE

- Bluetooth Low Energy (Ver.4.1) connectivity
- Up to 15 units can be registered with multi-pairing
- Includes functions for auscultation, automatic, and multiple measurement functions
- Professional cuff and 5 cuff sizes are available for use
- Large LCD display with backlight
- Rechargeable battery (300 measurements at full charged)
- Adjustable inflation pressure (AUTO/220/250/280)
- Irregular heartbeat indicator (IHB)

\*Please see p.14 for detailed features



# A&D Medical Connect

By A&D Medical



This is a medical application designed to work with A&D's Connected Blood Pressure Monitor models UA-1200BLE and UB-1100BLE. This application allows you to start a measurement, receive the blood pressure data and check the status of the monitor. If you also install our separate A&D Connect Smart App on the same phone, an application for health tracking, your blood pressure data will be automatically synced to it from this app. This application enables you to manage your blood pressure historical data and print out a summary report.

Please note:

- This application is intended to be used exclusively with A&D Company Limited's UA-1200BLE and UB-1100BLE devices. To measure your blood pressure using this application a UA-1200BLE or UB-1100BLE device is required.
- The information of this application is subject to change without a prior notice.

## Provides easy and accurate measurements



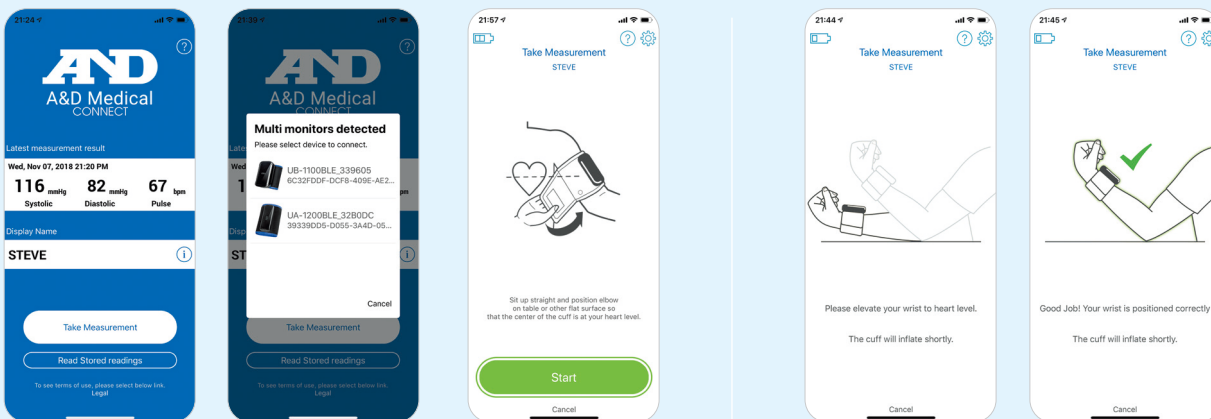
Youtube

### Smart Connect

All you need to do is to tap and choose your BPM device in the A&D Medical Connect app to pair. Smart Connect provides effortless pairing.

### Correct Position Guidance (CPG)

The app indicates your arm position and guide to the correct position.



## Download for free!



App Store is a trademark of Apple Inc., registered in the U.S. and other countries.

Google Play and the Google Play logo are trademarks of Google LLC.

# Connected Hoseless Products



22 cm - 42 cm

## Upper Arm

### UA-1200BLE

Hoseless means easy to put on your arm, easy to store because you can fold it compactly. The UA-1200BLE is the lightest hoseless and wireless upper-arm blood pressure monitor, so you can bring an upper blood pressure monitor with you, wherever you go. Measurement can be started using either an app or the monitor itself. The measurement results can be managed by the smartphone and the numerical value can be visualized as graphs automatically. You can also share your data via SNS or email, or print it out and show it to your doctor. We support the habit of blood pressure measurement by making it easy to measure anytime, anywhere.

- Bluetooth Low Energy (Ver.4.1)
- Bluetooth communication
- Internal Memory of 100 data records for 5 user
- Irregular heartbeat/AFib indicator (IHB/AFib)
- Compact and comfortable
- Start from App or device
- Multi-user (5 users + 1 guest)
- Cuff fit error indicator
- Movement error indicator



13.5 cm - 21.5 cm

## Wrist

### UB-1100BLE

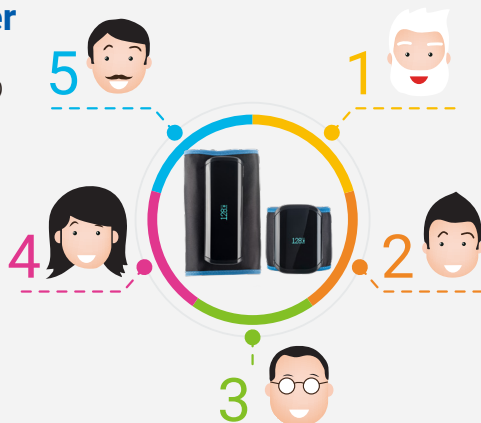
UB-1100BLE has various functions that can provide easy and accurate measurement when compared to conventional models. It is equipped with CPG (Correct Position Guidance) which detect the users wrist position and lead to accurate measurement.

- Bluetooth Low Energy (Ver.4.1)
- Bluetooth communication
- Internal Memory of 100 data records for 5 user
- Irregular heartbeat/AFib indicator (IHB/AFib)
- Compact and comfortable
- Start from App or device
- Multi-user (5 users + 1 guest)
- Correct Position Guidance(CPG)
- Cuff fit error indicator
- Movement error indicator



## Multi-user

up to 6 users  
(5 users + 1 guest)



## Connection

1. Measured from our app
2. Blood pressure monitor displays your name and measurement results
3. Data will be transmitted back to the app



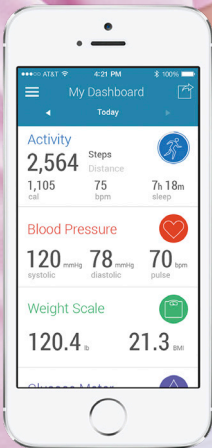


# A&D Connect Smart

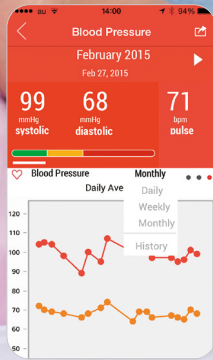
By A&D Medical

Now, all your important health info is in one place, A&D Connect Smart. A&D Connect Smart gives you a complete view of your health combining the current line of three essential wellness devices connected to one easy to use app - A&D Connect Smart. Lose weight, get in shape, monitor your blood pressure - all with one secure system from a trusted worldwide leader in connected health.

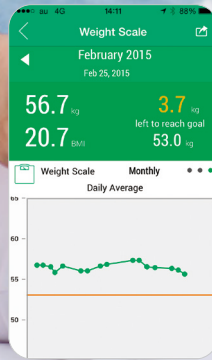
A&D Connect Smart guides you through the easy device setup process and provides at-a-glance results, goals, and trends for you or your whole family.



Dashboard



Graph display



Download for free!

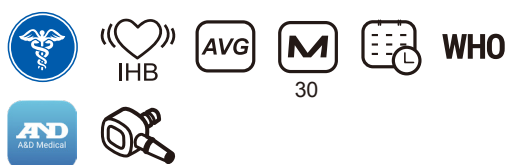


Compatibility

For compatible smartphones and versions, check: [https://www.aandd.co.jp/products/hhc/hhc-ict\\_compatibility.html](https://www.aandd.co.jp/products/hhc/hhc-ict_compatibility.html)



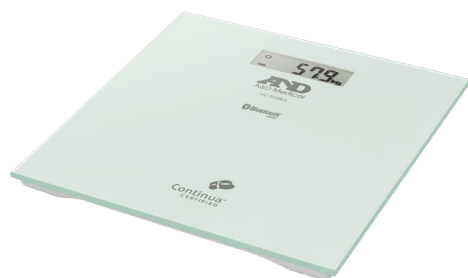
22 cm – 32 cm



## Upper Arm Blood Pressure Monitor UA-651BLE

The UA-651BLE was designed based on the UA-651Plus, which was designed to inherit A&D's original concept of blood pressure monitors for easy and accurate monitoring. It is clinically proven in accuracy and is equipped with Bluetooth Low Energy.

- Bluetooth Low Energy (Ver.5.1)
- Bluetooth communication
- Internal memory of 30 data records
- Irregular heartbeat indicator (IHB) - LCD only
- Extra large 3-line display for easier reading of results
- One-touch measurement
- Latex-free, SlimFit cuff
- Using A&D Connect Smart
- Zipper Carrying Case



## Precision Health Scale UC-352BLE

The UC-352BLE is modern, compact design health scale with durable top glass plate. It's step-on-start feature making it simple to use with no buttons to press. It has 200 kg(450 lb) capacity, 0 kg - 100 kg in 100 g resolution and 100 kg - 200 kg in 200 g resolution. Extended functionality of wireless communication is provided by Bluetooth Low Energy.

- Bluetooth Low Energy (Ver.5.1)
- Bluetooth communication
- Durable glass plate scale
- kg/lb selection
- Internal memory of 90 data records
- 0 to 100 kg: 100 g resolution / 100 to 200 kg: 200 g resolution
- 0 to 220.0 lb: 0.2 lb resolution / 220.0 to 450.0 lb: 0.5 lb resolution
- Simply step on start weighing
- Beeps on completion of weighing
- Low profile stylish design



## Precision Digital Thermometer UT-201BLE-A

The UT-201BLE digital thermometer is fast and accurate, and more precisely monitors your health. An illuminated annunciator blinks and a beeping sound tells when the measurement is complete. This illuminated annunciator together with the large bold display enables a sufficient reading. Extended functionality of wireless communication is provided by Bluetooth Low Energy.

- Bluetooth Low Energy (Ver.4.0)
- Bluetooth communication
- Quick 30 seconds measurement
- Oral use
- Last reading recall
- LED annunciator / beeping sound at completion of measurement
- Large bold displays for errorless reading
- Long battery life (350 measurement)

# Telemedicine Connected Products (B2B)



Made for  
iPhone | iPad | iPod



## Upper Arm Blood Pressure Monitor

### UA-656BLE

The UA-656BLE was designed based on the UA-651Plus, which is clinically proven in accuracy. It has inherited some advanced features from the original model, but is equipped with Bluetooth wireless communication technology, giving it extended and advanced capabilities.

- Bluetooth Low Energy (Ver.5.1)
- Can share data with other device by Bluetooth.
- Can be connected to suitable compatible device using Windows, Android or iOS devices
- Internal memory of 200 data records
- Irregular heartbeat indicator (IHB) - LCD only
- Extra large 3-line display for easier reading of results
- One-touch measurement
- Latex free Wide range cuff
- Zipper Carrying Case



22 cm – 42 cm



"Made for iPhone," and "Made for iPad" means that an accessory has been designed to connect specifically to the Apple products identified in the badge and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. iPad, iPhone, iPod, and iPod touch are trademarks of Apple Inc., registered in the U.S. and other countries.

# Telemedicine SDK Website


It is also possible that you can create your own applications, or make a connection verification of devices. Specifications and communications protocol for all of our ICT devices are available at the website below:  
<https://www.aandd.jp/products/medical/sdk.html>

**SDK**

[Professional Lines](#) | 
 [Telemedicine](#) | 
 [Personal Lines](#) | 
 [Medical Scales](#) | 
 [Software](#) | 
 **[SDK](#)**

## WellnessConnected Platform with A&D Connect

A&D Medical is proud to provide a single source solution that generates reliable point of care data with flexible integration packages.



**Direct Device Integration via SDK**

We also offer SDKs to our customers who choose to integrate directly into their application. This choice enables our customers to customize certain aspects of data communication.

**SDK DOWNLOAD**



Product	Bluetooth (Classic)			Bluetooth Low Energy
	SPP	HDP	MFi	BLE
TM-2657P	● <sup>5</sup>	● <sup>1, 5, 6</sup>		
AD-6106R				● <sup>5</sup>
TM-2441				●
UM-212BLE				●
UA-656BLE				● <sup>2</sup>
UA-651BLE				● <sup>2</sup>
UC-352BLE				● <sup>3</sup>
UT-201BLE-A				● <sup>4</sup>
UA-1200BLE				●
UB-1100BLE				●

1 Manager application have to follow Continua Guideline  
 2 Blood Pressure Profile(Bluetooth SIG & ITU-TH.810 (Continua Guideline 2014))  
 3 Weight Scale Profile(Bluetooth SIG & ITU-TH.810 (Continua Guideline 2014))  
 4 Health Thermometer Profile(Bluetooth SIG & ITU-TH.810 (Continua Guideline 2013))  
 5 Optional  
 6 From Android10 (API level 29), Health Device Profile (HDP) protocol is no longer used

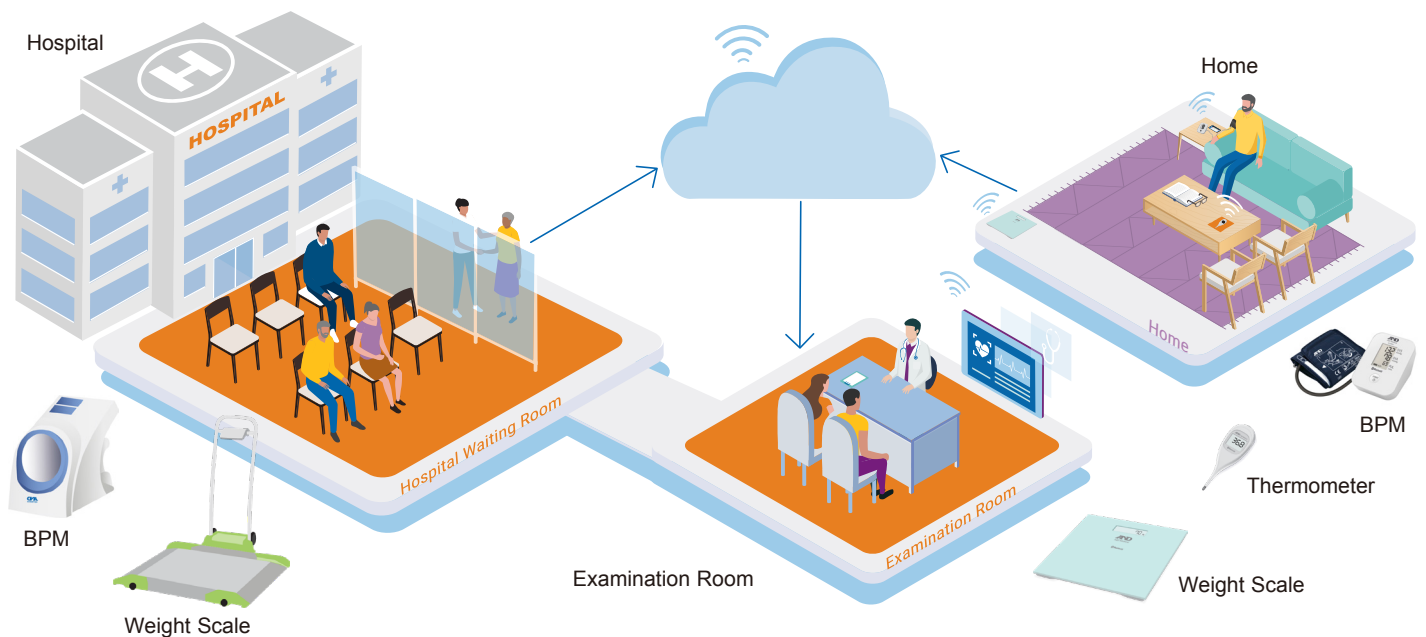
# Telemedicine

## Case Studies

### Case 1

## Personal Healthcare Record Solution for Hospitals

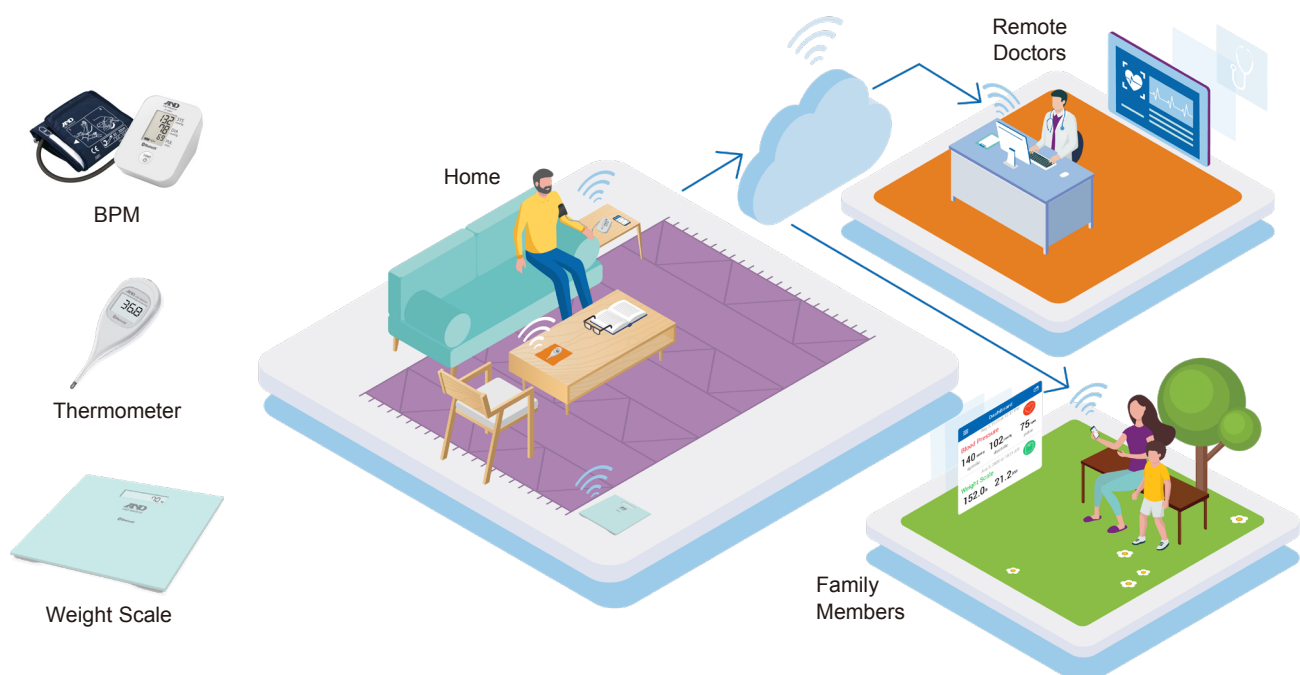
Personal health data can be collected remotely for telemedicine purposes or before the patient's examination in the hospital to reduce wait times.



### Case 2

## Telemedicine Caring for patients remotely

The health of elderly people living alone or far away can be monitored through smartphones or other IoT gateways.





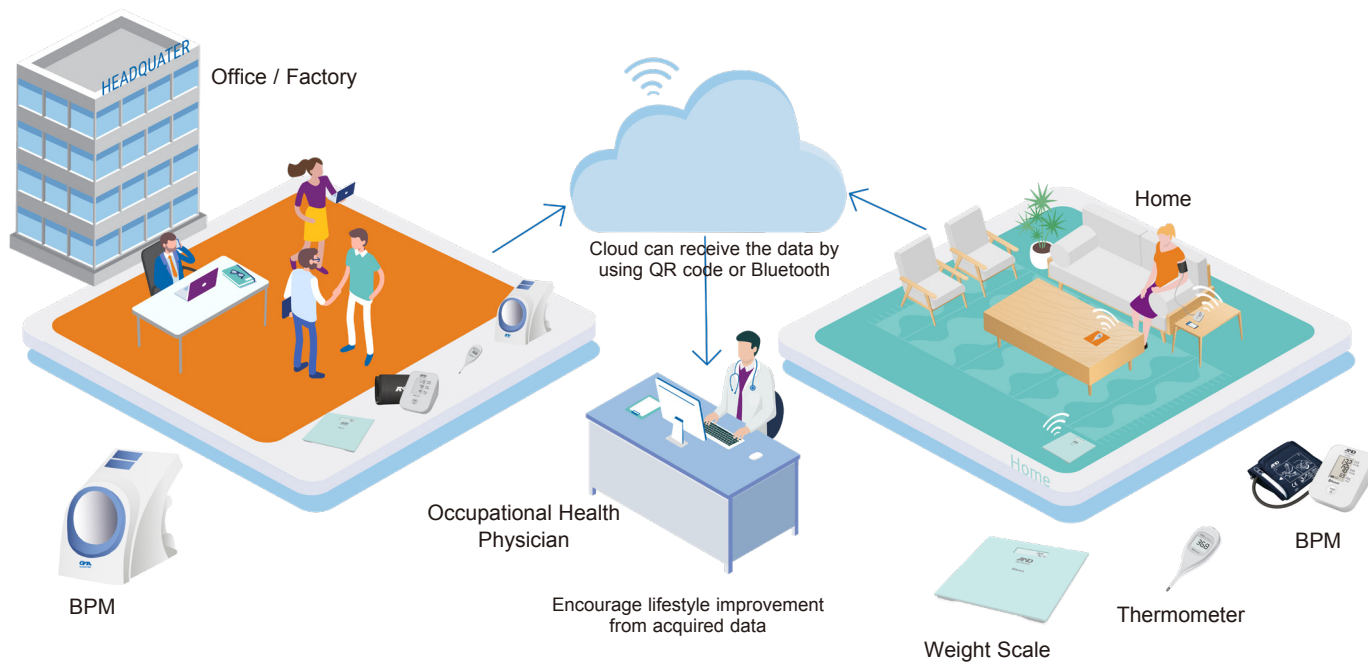
# Telemedicine

## Case Studies

### Case 3

## Employee Healthcare Management

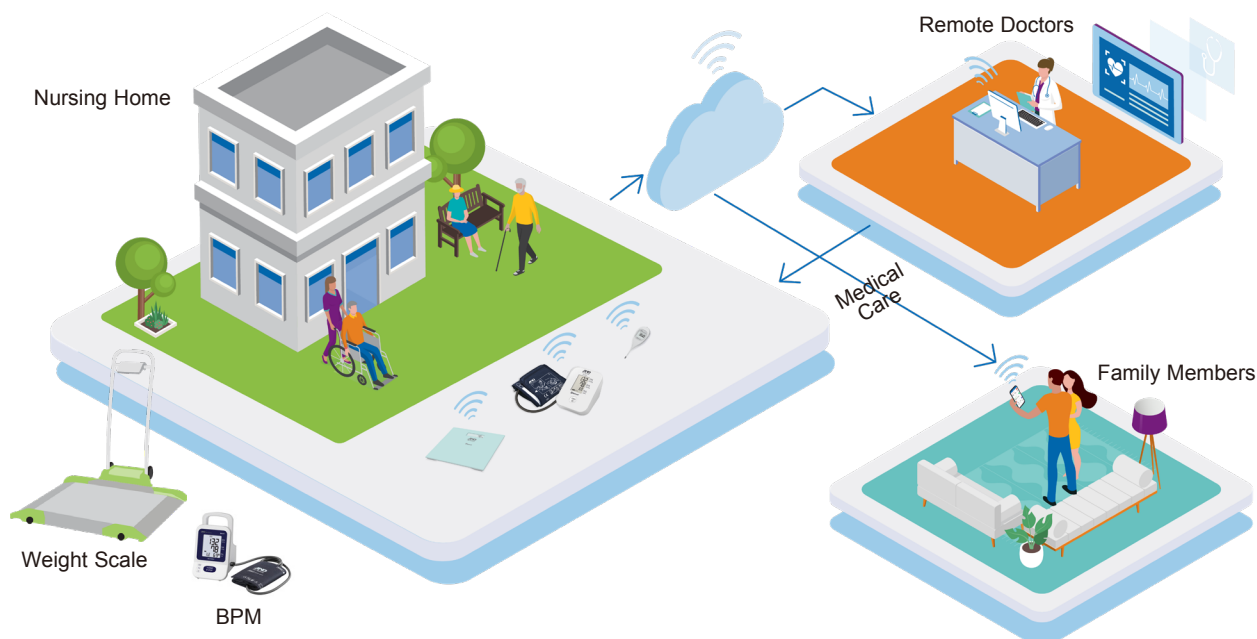
Employee body temperature and health conditions can be checked daily before starting work.



### Case 4

## Nursing Home Solution

Management of health and treatment of diseases can be performed daily by nursing home staff, remote doctors or family members.





# Home Healthcare

A&D pioneered the oscillometric measurement method for personal blood pressure monitors. This made simple home blood pressure measurement possible without the need for training. Since then, this method has become the worldwide standard for home BP measurement, and A&D has been working as a leading manufacturer in this field, supplying reliable and easy-to-use blood pressure monitors to homes worldwide. We are constantly expanding our personal product line to offer our home healthcare customers an even greater amount of high-quality products to suit their personal needs.

# Home Healthcare

Blood Pressure Monitors,  
Scales, Thermometers  
and Nebulizer



# Home Healthcare

## Blood Pressure Monitors

### Upper Arm Blood Pressure Monitors

#### Individualized Monitoring with More Comfort

## UA-1020

The UA-1020 is equipped with newly designed SmoothFit cuff, which enables painless, comfortable measurement. Also it has two unique modes. MyPressure mode provides individualized inflation and shorten the measurement time. The TriCheck™ mode automatically takes three consecutive readings with one-minute intervals for most accurate results.

- Latex free SmoothFit cuff (UA-1020)
- TriCheck™ mode for consecutive 3 measurements and average reading
- MyPressure setting mode (AUTO/180/210/240)
- Cuff fit error indicator
- Movement error indicator
- Irregular heartbeat/AFib indicator (IHB/AFib)
- WHO blood pressure classification indicator
- 90 memories + average reading (All/AM/PM)
- Zipper Carrying Case



**UA-1020**  
SmoothFit cuff  
17 cm - 32 cm



#### Simple

## UA-767S/UA-767S-W

The UA-767S is also the successor of the UA-767 series for single user focused on "Simple operation". Ease of use as it is, new feature %IHB/AFib is installed, also the number of memory has been upgraded to 60.

- Latex free Wide Range cuff (UA-767S-W) and metal free SlimFit cuff (UA-767S)
- Irregular heartbeat/AFib indicator (IHB/AFib) including % (percentage) of frequency
- Cuff fit error indicator
- Movement error indicator
- WHO blood pressure classification indicator
- 60 memories + average reading
- Zipper Carrying Case



**UA-767S**  
SlimFit cuff  
22 cm - 32 cm

**UA-767S-W**  
Wide Range cuff  
22 cm - 42 cm



# Blood Pressure Monitors

## Upper Arm Blood Pressure Monitors



**UA-651Plus**  
22 cm - 32 cm



### Value

## UA-651Plus

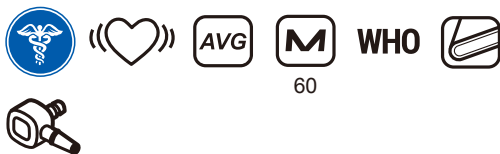
The UA-651Plus is the 2nd generation of the UA-651 series. The smart, compact and easy-to-use original concept Plus new 2 features. IHB/AFib Indicator is helpful for early detection and early treatment of AFib.

Multi Cuff Coverage technology enables use of multiple cuffs for arm sizes between 16 cm - 45 cm. The UA-651Plus comes with AC inlet.

- Latex and metal free SlimFit cuff
- Irregular heartbeat/AFib indicator (IHB/AFib)
- WHO blood pressure classification indicator
- 60 memories + average reading
- Additional cuffs can be purchased separately offering a multi cuff coverage
- Carrying Pouch



22 cm - 32 cm



## UA-611Plus

The UA-611Plus is also the successor of the UA-611. All the essential functions Plus IHB/AFib Indicator and Multi Cuff Coverage are in a small compact unit.

- Latex and metal free SlimFit cuff
- Irregular heartbeat/AFib indicator (IHB/AFib)
- WHO blood pressure classification indicator
- 60 memories + average reading
- Additional cuffs can be purchased separately offering a multi cuff coverage

# Home Healthcare

## Blood Pressure Monitors

### Upper Arm Blood Pressure Monitors

#### Palm Top Monitor

##### UA-704

The UA-704 has an innovative “Palm Top” style that makes blood pressure monitoring easy. This ergonomically designed monitor fits in your palm for simple and easy BP measurement. Its useful portability enables you to carry this unit anywhere for monitoring at any time.

- Latex and metal free SlimFit cuff
- Irregular heartbeat/AFib indicator (IHB/AFib)



22 cm - 32 cm



#### Portable AC Adapter

##### TB-233C

- For indoor use
- Input/output: 100 V-240 V AC 50/60 Hz 6 V DC 500 mA
- Plug: Type C
- Compatible models: A&D personal blood pressure monitors

### Wrist Blood Pressure Monitors

#### Simple Operation with Accuracy

##### UB-525

The UB-525 is equipped with all functions essential for blood pressure monitoring. Its sleek design comfortably fits the wrist and provides accurate measurement.

- Irregular heartbeat/AFib indicator (IHB/AFib)
- WHO blood pressure classification indicator
- 60 memories + average reading



13.5 cm - 21.5 cm



60





Made in Japan Series are special models manufactured in Japan which adds to A&D Medical's strong reputation for "Japan Quality & Design". Professional models such as the TM-2657P and TM-2441 series and analytical balances are also manufactured in the same factory. Made in Japan Series promise high standards of reliability and quality.

## Upper Arm Blood Pressure Monitors

### Specialty UA-767JP

The UA-767JP is our "Made in Japan" model which promises high standards of reliability and quality. It is equipped with a lot of functions like cuff fit, movement error indicator, %IHB/AFib and WHO classification indicators. With one-touch operation, it retains our fundamental principle of designing easy-to-use monitors. The device can store the latest 60 times of measurement data per person (up to 4 people). So you can use this device with your family. In addition, the latex-free and metal-free SlimFit cuff will provide more comfortable measurement for sensitive skin.

- Latex and metal free SlimFit cuff
- Irregular heartbeat/AFib indicator (IHB/AFib) including % (percentage) of frequency
- Cuff fit error indicator
- Movement error indicator
- WHO blood pressure classification indicator
- 4 user memory (60 x 4) + average reading
- Zipper Carrying Case



22 cm - 32 cm

Made in Japan



### Value

## UA-654MR

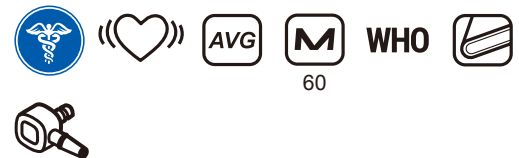
All the essential functions for blood pressure monitoring in a smart compact unit. The UA-654MR is designed with A&D's original concept of blood pressure monitors for easy and accurate monitoring in mind. With one-touch operation, it retains our fundamental principle of designing easy-to-use monitors. It is equipped with our world leading technologies: IHB/AFib and WHO classification indicators. In addition, the latex-free and metal-free SlimFit cuff will provide more comfortable measurement for sensitive skin. UA-654MR is included with Cuff holder, easy to store.

- Latex and metal free SlimFit cuff
- Irregular heartbeat/AFib indicator (IHB/AFib)
- WHO blood pressure classification indicator
- 60 memories + average reading
- Zipper Carrying Case



*Made in Japan*

22 cm - 32 cm



## Wrist Blood Pressure Monitors

### All-in-one Wrist Monitor

## UB-533PGMR

The UB-533PGMR is designed for focuses on greater ease of use with professional quality. This monitor promises portable measurement wherever you need to measure blood pressure. It is equipped with functions like CPG, cuff fit and movement error indicators to support users in accurate measurement. The %IHB/AFib and WHO blood pressure classification indicators provide users with detailed monitoring. Two independent memories (60×2) will help to record the data for two persons, or results of morning/evening, or before/after taking medicines.

- Correct position guidance for accurate measurement
- Irregular heartbeat/AFib indicator (IHB/AFib) including % (percentage) of frequency
- Cuff fit error indicator
- Movement error indicator
- WHO blood pressure classification indicator
- 2 user memory (60 x 2) + average reading
- Carrying case



*Made in Japan*

13.5 cm - 21.5 cm





# ISO Compatible Cuffs

## SmoothFit Adult Cuff

- Arm circumference: 17 cm to 32 cm
- Latex-free and metal-free, painless and comfortable easy-to-use cuff
- Compatible models: UA-1020



REF CUF-G-A-ISO

## SlimFit Large Adult Cuff

- Arm circumference: 31 cm to 45 cm
- Latex-free, ISO compatible plug
- Compatible models : All A&D personal upper arm digital blood pressure monitors



REF CUF-D-LA-ISO

## SlimFit Semi-Large Cuff

- Arm circumference: 23 cm to 37 cm
- Latex-free, ISO compatible plug
- Compatible models : All A&D personal upper arm digital blood pressure monitors



REF CUF-D-MA-ISO

## SlimFit Adult Cuff

- Arm circumference: 22 cm to 32 cm
- Latex-free, Metal-free, ISO compatible plug
- Compatible models : All A&D personal upper arm digital blood pressure monitors



REF CUF-F-A-ISO

## SlimFit Small Adult Cuff

- Arm circumference: 16 cm to 24 cm
- Latex-free, ISO compatible plug
- Compatible models : UA-611Plus, UA-651Plus, UA-1020, UA-656BLE



REF CUF-D-SA-ISO

## Wide Range Cuff

- Arm circumference: 22 cm to 42 cm
- Latex-free, especially designed cuff for a wider range of upper arm sizes with ISO compatible plug
- Compatible models : All A&D personal upper arm digital blood pressure monitors



REF CUF-I-ISO

# Blood Pressure Monitor Comparison Table

Upper arm models					
Model No.	UA-1200BLE	UA-1020	UA-656BLE	UA-767S /767S-W	UA-767JP
Automatic inflation	●	●	●	●	●
One-touch measurement	●	●	●	●	●
3-line display		●	●	●	●
Memory storage	100 x 5	90	200	60	60 x 4
Average reading of stored data	● (App)	●		●	●
IHB/AFib indicator	IHB/AFib	IHB/AFib	IHB	%IHB/AFib	%IHB/AFib
WHO Blood pressure classification indicator	● (App)	●		●	●
AC inlet	USB	●	●	●	●
Clock and calendar	● (App)	●	● (App)		●
AM/PM memory recall w/ average	● (App)	●			
TriCheck™		●			
MyPressure		●			
Cuff fit error indicator	●	●		●	●
Movement error indicator	●	●		●	●
Data communication	Bluetooth® Low Energy		Bluetooth® Low Energy		
Optimized inflation	●*	●	●	●	●
Optimized deflation		●	●		
Cuff (Standard accessory)	Wide range 22 cm - 42 cm	SmoothFit 17 cm - 32 cm	Wide range 22 cm - 42 cm	SlimFit 22 cm - 32 cm / Wide range 22 cm - 42 cm	SlimFit 22 cm - 32 cm
Clinical validation paper	ISO81060-2:2013	BHS A/A	ISO81060-2:2018	ESH Pass	ESH Pass
Clinical test report ISO 81060-2:2013	●	●	●	●	●

\*Measurement during inflation

# Blood Pressure Monitor Comparison Table

Upper arm models					
Model No.	UA-704	UA-654MR	UA-651BLE	UA-651Plus	UA-611 Plus
Automatic inflation		●	●	●	●
One-touch measurement		●	●	●	●
3-line display		●	●	●	●
Memory storage		60	30	60	60
Average reading of stored data		●	● (App)	●	●
IHB/AFib indicator	IHB/AFib	IHB/AFib	IHB	IHB/AFib	IHB/AFib
WHO Blood pressure classification indicator		●	● (App)	●	●
AC inlet		●	●	●	
Clock and calendar			● (App)		
AM/PM memory recall w/average			● (App)		
TriCheck™					
MyPressure					
Cuff fit error indicator					
Movement error indicator					
Data communication			Bluetooth Low Energy		
Optimized inflation		●		●	●
Optimized deflation				●	●
Cuff (Standard accessory)	SlimFit 22 cm - 32 cm	SlimFit 22 cm - 32 cm	SlimFit 22 cm - 32 cm	SlimFit (ISO) 22 cm - 32 cm	SlimFit (ISO) 22 cm - 32 cm
Clinical validation paper	BHS A/A	ESH Pass	ISO81060-2:2018	ISO81060-2:2018	ISO81060-2:2018
Clinical test report ISO 81060-2:2013	●	●	●	●	●

\*Measurement during inflation

Wrist models			
Model No.	UB-1100BLE	UB-525	UB-533PGMR
Automatic inflation	●	●	●
One-touch measurement	●	●	●
3-line display		●	●
Memory storage	100 x 5	60	60 x 2
Average reading of stored data	● (App)	●	●
IHB/AFib indicator	IHB/AFib	IHB/AFib	IHB/AFib
WHO Blood pressure classification indicator	● (App)	●	●
AC inlet	USB		
Clock and calendar	●		●
AM/PM memory recall w/average	● (App)		●
Cuff fit error indicator	●		●
Movement error indicator	●		●
Correct Position Guidance (CPG)	●		●
Data communication	Bluetooth Low Energy		
Optimized inflation	●*	●*	●*
Optimized deflation			
Cuff	13.5 cm - 21.5 cm	13.5 cm - 21.5 cm	13.5 cm - 21.5 cm
Clinical validation paper	ESH Pass	ESH Pass	ESH Pass
Clinical test report ISO 81060-2:2013"	●	●	●

\*Measurement during inflation

# Standard Accessory and Optional Cuffs

Model	SlimFit Adult Cuff 22 cm - 32 cm	SlimFit Semi-Large Cuff 23 cm - 37 cm	Wide Range Cuff 22 cm - 42 cm	SmoothFit Cuff 17 cm - 32 cm
<b>Telemedicine</b>				
UA-1200BLE			•	
UA-651BLE	•(Metal)*			
UA-656BLE			•	
<b>Home Healthcare</b>				
UA-1020				•
UA-767S	•			
UA-767S-W			•	
UA-767JP	•			
UA-654MR	•			
UA-651Plus	•			
UA-611Plus	•			
UA-704	•			

- Standard accessory

Cuff model (Option cuffs)	Size	REF	A&D Order Code
SlimFit Adult Cuff* (Latex free, ISO compatible plug)	22 cm - 32 cm	CUF-D-A-ISO	UA-CFDBOXAU-EC1
SlimFit Small Adult Cuff (Latex-free, ISO compatible plug)	16 cm - 24 cm	CUF-D-SA-ISO	UA-CFDBOXSA-EC1
SlimFit Adult Cuff (Latex free and metal-free, ISO compatible plug)	22 cm - 32 cm	CUF-F-A-ISO	UA-CFFBOXAU-EC1
SlimFit Semi-Large Cuff (Latex-free, ISO compatible plug)	23 cm - 37 cm	CUF-D-MA-ISO	UA-CFDBOXMA-EC1
SlimFit Large Adult Cuff (Latex-free, ISO compatible plug)	31 cm - 45 cm	CUF-D-LA-ISO	UA-CFDBOXLA-EC1
Wide Range Cuff (Latex-free, ISO compatible plug)	22 cm - 42 cm	CUF-I-ISO	UA-CFIBOXWR-EC1
SmoothFit Adult Cuff (Latex-free and metal free, ISO compatible plug)	17 cm - 32 cm	CUF-G-A-ISO	UA-CFGBOXAU-EC1



# Home Healthcare

## Thermometers



### Multi-function Infrared Thermometer UT-801

- Dual measurement modes (ear & forehead)
- One second ear measurement
- Surface temperature measurement and room temperature display
- Last reading recall / memory for 25 measurements
- Fever alarm with beeper (above 37.5 °C / 99.5 °F)
- Select between °C/°F



Ear measurement



Forehead measurement



Surface temperature



Room temperature



UT-103



UT-113

### Digital Thermometer UT-103

- 60 second reading  
(Measurement time will vary by individual and method used)
- For Oral, Underarm or Rectal use
- Beeps when measurement complete
- Last temperature reading memory
- Water-resistant sensor
- Auto power off
- °C / °F conversion

### UT-113

- Soft, flexible tip for safer measuring
- 60 second reading  
(Measurement time will vary by individual and method used)
- For Oral, Underarm or Rectal use
- Beeps when measurement complete
- Last temperature reading memory
- Water-resistant sensor
- Auto power off
- °C / °F conversion

## Precision Personal Health Scale

### UC-321

A new generation of personal health scales has arrived. The UC-321 boasts 50 g resolution (and capacity of 150 kg) in a stylish body. This scale promises to help users gain precise control of their bodyweight, from athletes to dialysis patients. Standard features such as a 31-weight data memory, Body Mass Index (BMI) calculation, and target weight setting function help the user plan a healthier lifestyle.

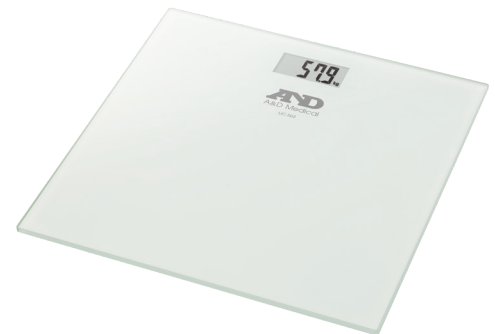
- 50 g resolution
- Maximum capacity of 150 kg
- Target weight setting
- Built-in 31-measurement memory function
- BMI value calculation



### UC-502

The UC-502 is an affordable scale that is accurate and easy to use. The scale performs weight measurement in kgs or lbs and is divisible by up to 100 g / 0.2 lbs. It also features step on technology to enable users to simply step on the scale to start measurement.

- Durable glass plate scale
- kg/lb selection
- Simply step on to start weighing
- 180 kg / 400 lb capacity, 100 g increments
- Low profile stylish design
- Powered by CR2032 battery



## Compressor Nebulizer






### UN-014

UN-014 is a compact compressor nebulizer designed to deliver the medication prescribed by a doctor. The compressor creates a stream of air that travels through the clear tubing to the nebulizer which generates a mist of medicinal particles small enough to reach the furthest parts of lungs to provide maximum benefit for the treatment of asthma, allergies and other respiratory disorders.



- Compact and easy to use, one button operation
- For treatment of upper and lower airways, colds, asthma, and respiratory diseases
- Medication capacity : 2 ml minimum - 6 ml maximum
- Particle size: approximately 3 um MMAD
- Nebulization rate: 0.25 ml/min.



## PROFESSIONAL BLOOD PRESSURE MONITOR

Model		ESH-IP	BHS	AAMI	Others	Authors	Article	Published on
TM-2440					AAMI /ISO81060-2		*TM-2441 equivalence: <a href="http://www.dableducational.org/sphygmomanometers/devices_3_abpm.html#AbpmTable">http://www.dableducational.org/sphygmomanometers/devices_3_abpm.html#AbpmTable</a>	
TM-2441					AAMI /ISO81060-2	Kazuomi Kario, Satoshi Hoshide, Kimiyo Saito, Keiko Sato, Haruna Hamasaki, Hiromi Suwa and Naoko Tomitani	Validation of the TM-2441 ambulatory blood pressure measurement device according to the ISO 81060-2:2013 standard	Blood Pressure Monitoring, 2019, 24(1):38-41
TM-2657 (TM-2657P)			A/A	Pass			*TM-2656 equivalence: <a href="http://www.dableducational.org/sphygmomanometers/devices_1_clinical.html#ClinTable">http://www.dableducational.org/sphygmomanometers/devices_1_clinical.html#ClinTable</a>	
UM-102		Pass					*UM-101 Equivalence, Without use of "Mark" button: <a href="http://www.dableducational.org/sphygmomanometers/devices_1_clinical.html#MANUAL_SPHYGMOMANOMETERS">http://www.dableducational.org/sphygmomanometers/devices_1_clinical.html#MANUAL_SPHYGMOMANOMETERS</a>	
UM-211		Pass				Claudio Fania, Federica Albertini and Paolo Palatini	Validation of the A&D UM-211 device for office blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010	Blood Pressure Monitoring, 2017, 22:302-305

## HOME USE BLOOD PRESSURE MONITOR

Model		ESH-IP	BHS	Others	Authors	Article	Published on
UA-651 UA-611 (UA-651SL)*as UA-651 *Standard adult Cuff (22 cm - 32 cm) *Semilarge Cuff (23 cm - 36 cm) *Large Cuff (31 cm - 45 cm)		Pass			Elisabetta Benetti, Claudio Fania and Paolo Palatini	Validation of the A&D BP UA-651 device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010	Blood Pressure Monitoring, 2014, 19:50-53
UA-651 (UA-651SL)*as UA-651 (UA-611)*as UA-651 *Cuff size 22 cm - 42 cm		Pass			Elisabetta Benetti, Claudio Fania and Paolo Palatini	Validation of the A&D BP UA-651 device with a wide-range cuff for home blood pressure measurement according to the European Society of Hypertension international Protocol revision 2010	Blood Pressure Monitoring, 2015, 20:164-167



# Clinical Validation Specification

## HOME USE BLOOD PRESSURE MONITOR (Continued)

Model		ESH-IP	BHS	Others	Authors	Article	Published on
UA-611Plus				AAMI/ISO 81060-2:2018	Bruce S.Alpert	Validation of the A&D UA-651 Plus/UA-651SL Plus automated sphygmomanometer according to the ISO 81060-2, 2018 and ISO 81060-2 Amendment 1, 2020, which resulted in the currently pending Amendment to Amendment 1	The Journal of Clinical Hypertension, 2022;24:513-518
UA-651Plus (UA-651BLE) as UA-651Plus (UA-656BLE) as UA-651Plus							
UA-651SL Plus							
UA-654MR		Pass			*UA-651 equivalence: <a href="http://www.dableducational.org/sphygmomanometers/devices_2_sbpm.html#ArmTable">http://www.dableducational.org/sphygmomanometers/devices_2_sbpm.html#ArmTable</a>		
UA-704			A/A		Zhanna D. Kobalava, Yulia V. Kotovskaya and Eugeniy Rodionov.	Validation of the semi-automatic device UA-704 for self-measurement of blood pressure.	Blood Pressure Monitoring, 2005, 10:223-225
UA-767S		Pass				*UA-651 equivalence: <a href="http://www.dableducational.org/sphygmomanometers/devices_2_sbpm.html#ArmTable">http://www.dableducational.org/sphygmomanometers/devices_2_sbpm.html#ArmTable</a>	
UA-767F (UA-767JP)*As UA-767F							
UA-1020 *D-ring 22 cm - 32 cm cuff *Cylindrical 17 cm - 32 cm cuff			A/A		Wei-Fang Zeng, Yuan-Yuan Kang, Ming Liu, Yan Li and Ji-Guang Wang	Validation of the A&D UA-1020 upper-arm blood pressure monitor for home blood pressure monitoring according to the British Hypertension Society Protocol	Blood Pressure Monitoring, 2013, 272-277
UA-1020 *D-ring 16 cm - 24 cm cuff *D-ring 22 cm - 32 cm cuff *D-ring 23 cm - 37 cm cuff *D-ring 31 cm - 45 cm cuff *Cylindrical 17 cm - 32 cm cuff *Cylindrical 23 cm - 37 cm cuff (UA-1020-W) *as UA-1020			A/A		Zeng, Wei-Fang; Kang, Yuan-Yuan; Liu, Ming; Li, Yan; Wang, Ji-Guang	Validation of the A&D UA-1020 upper-arm blood pressure monitor with six different-shaped or different-sized cuffs according to the British Hypertension Society protocol	Blood Pressure Monitoring, 2013, 272-277
UA-767PBTC-i *As UA-767Plus			A/A		Kobalava ZD, Kotovskaia LV, Rusakova	Validation of the UA-767Plus device for self-measurement of blood pressure.	Clinical Pharmacology and Therapy, 2003, 12 (2)
UA-1200BLE				AAMI/ISO 81060-2:2013	Kazuomi Kario, Kimiyo Saito, Keiko Sato, Haruna Hamasaki, Hiromi Suwa, Ayako Okura and Satoshi Hoshide	Validation of the A&D BP UA-1200BLE device for home blood pressure measurement according to the ISO 81060-2:2013 standard	Blood Pressure Monitoring 2018, 23:312-314
UB-543		Pass			Claudio Fania, Elisabetta Benetti and Paolo Palatini	Validation of the A&D BP UB-543 wrist device for home blood pressure measurement according to the European Society of Hypertension International Protocol revision 2010	Blood Pressure Monitoring, 2015, 20(4):237-240
UB-533 UB-525z		Pass				*UB-543 equivalence: <a href="http://www.dableducational.org/sphygmomanometers/devices_2_sbpm.html#WristTable">http://www.dableducational.org/sphygmomanometers/devices_2_sbpm.html#WristTable</a>	
UB-1100BLE		Pass					

# Legend



## Clinically Validated

Clinical validation ensures that your customers are receiving the most accurate blood pressure readings possible, and gives them the confidence to trust their measurements. Most of our blood pressure monitors have been evaluated for measurement accuracy using British Hypertension Society (BHS), AAMI/ISO81060-2:2013, and European Society of Hypertension (ESH) standards.



## Mercury-Free

Under the global movement towards Mercury-Free products, replacing mercury blood pressure monitors with alternative and reliable Mercury-Free devices will be a significant issue for all daily users. As a leading manufacturer of digital blood pressure monitors, A&D is responding to the 'Minamata Convention on Mercury', and has developed a series of new professional blood pressure monitors, the UM Series.



## Japanese Quality & Design

All A&D Medical products are designed in Japan and quality is assured under our corporate quality standards.



## Bridging Home & Hospital

A&D bridges Home & Hospital by providing both Home Health Care and Professional Medical products for customers. A&D's quality wireless Telemedicine products are being used in the home environment safely and reliably under the Bridging Home & Hospital connectivity project.



## The Continua Certified™ Products

In 2014, Continua Health Alliance announced a partnership with the mHealth Summit to create a new global entity, the Personal Connected Health Alliance (PCHA), under the HIMSS corporate umbrella, to represent the consumer voice in connected health. The Continua Certified™ logo is used exclusively to signify that the product has been tested and proven to be interoperable with other products that carry the Continua Certified™ symbol. It also reflects on the quality, unique character, and humanity of the Continua brand.



## %IHB/AFib Indicator

When the monitor detects an irregular rhythm during the measurements, the IHB/AFib indicator will appear on the display with the measurement values. %IHB/AFib is displayed as frequency of IHB/AFib detected and divided into different grades by icons.

**0-24% No Indication**

**25-49% Grade 1**

**50-74% Grade 2**

**75-100% Grade 3**

*If the grade is high, you should consult a doctor immediately. The %IHB/AFib is not to be used for diagnosis but for screening purpose only.*

This function has the potential for early detection of AF(Atrial fibrillation). Please refer to the following paper on using A&D blood pressure monitors. The conclusion of this paper states that "Our new algorithm for a home BP monitor had high diagnostic accuracy for detecting AF." (1) Thus we highly recommend contacting your physician if you see the IHB/AFib indicator light up frequently on your blood pressure monitor.

(1) Kabutoya T, Imai Y, Hoshide S, Kario K. Diagnostic accuracy of a new algorithm to detect atrial fibrillation in a home blood pressure monitor. J Clin Hypertens.2017;19:1143-1147. <https://doi.org/10.1111/jch.13076>



## Made in Japan

This logo represents A&D's "Made in Japan" range of Medical products. The "Made in Japan" models offer the highest standards of reliability and quality across our product lineup.

# Legend

## Blood Pressure Monitor Feature Icons



### SlimFit Cuff / Wide Range Cuff

Latex-free



### SmoothFit Cuff

Latex-free and metal-free



### Cuff Fit Error Indicator

Indicates when the cuff is attached loosely



### Movement Error Indicator

Indicates when a body or arm movement is detected



### IHB/AFib Indicator

Indicates when IHB/AFib is detected



### IHB Indicator

Indicates when Irregular heartbeat is detected



### %IHB/AFib Indicator

Shows frequency of IHB/AFib detection



### WHO Pressure Classification Indicator

Displays the level corresponding to the WHO classification



### Average Reading

Displays the average of measurement values



### Proper Postion-Wrist

Indicates your arm position and guide to the correct position



### MyPressure Setting mode

Provides individualized inflation (AUTO/180/210/240)



### TriCheck™

Consecutive 3 measurements and average reading



### Time & Date

Date and time stamp to track reading history



### Memory

Number of readings stored in memory



### ISO Plug compatible

Conforms to ISO(IEC)80369

## Scale Feature Icons



### Auto Power OFF Function

Turns off the display automatically after a period of inactivity to save power



### Clock and Calendar Function

Adds time and date information to output data



### Liquid Crystal Display

Provides a sharp-cut, energy-saving display



### Normal Battery Operation

Works with off-the-shelf battery sells



### RS-232C Serial Interface

Outputs data to receives commands form a PC, printer, data logger, etc.



### Data Memory Function

Stores weighing data easy recall



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