

# Triple A Technology for UA-1000 Series



- Advanced Cuff design** Latex-free design with a variety of additional features available, including a new non-pinching design.
- Advanced Inflation** User selection made possible between A&D's optimized inflation and anxiety-free "MyPressure" setting.
- Advanced Deflation** Linear-motor driven active deflation valve makes it measure accurately for all cuff sizes.

## Advanced Cuff Design

3 types of user-friendly cuffs - SlimFit Cuff, SmoothFit Cuff, and Wide range Cuff



**SlimFit Cuff** Latex-free and metal-free  
Plastic is used for the material of the D ring.



**SmoothFit Cuff** Latex-free and metal-free Painless, comfortable cuff  
The new technology of the solid-body bladder and inner sewing techniques enables a non-pinching design.



**Wide Range Cuff** Latex-free  
Specially designed cuff for a wider range of upper arm sizes.

## Advanced Inflation

2 types of Inflation mode - optimized inflation & "MyPressure" setting

### Optimized inflation

Easy, one-button operation **AUTO**

For all UA-1000 models  
Personalized optimal pressurization and pulse detection during Inflation. Just press START to take the measurement.

### my PRESSURE

Faster and more comfortable measurement **180 210 240**

For UA-1020, UA-1020-W, UA-1030T, and UA-1030T-W  
Inflation at a pressure set (180/210/240mmHg) according to one's blood pressure value. The set pressure shortens Inflation time and makes measurement more comfortable.

## Advanced Deflation

Linear-motor driven active deflation valve makes it measure accurately for all cuff sizes.

Deflation using the new ECEV 3G (Electronic Controlled Exhaust Valve), which is more compact than ever with much better performance for blood pressure monitors.

Latex-free and metal-free, SlimFit Cuff	Newly designed SmoothFit Cuff for painless and comfortable measurement (Latex-free and metal-free)	Latex-free, Wide Range Cuff (22-42cm)
Cuff Fit Error Indicator	Movement Error Indicator	Irregular Heartbeat (IHB) Indicator
%IHB Indicator to show frequency of Irregular Heartbeat	WHO Blood Pressure Classification Indicator	Average Reading
Average Reading (All/AM/PM)	Last reading recall	30-memory
60-memory	90-memory	2 user memory (30 x 2)
2 user memory (60 x 2)	4 User memory (60 x 4)	Clock & Calendar
Correct position guidance	My Pressure Setting mode (AUTO/180/210/240)	TriCheck™ mode for consecutive 3 measurements and average reading
Clear voice announcement of measurement results	Clinically Validated	

Upper Arm Blood Pressure Monitors

UA-1020/UA-1020-W

Clinically Validated **CE** 0123  
Premiere

Individualized monitoring with more comfort

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.



SmoothFit cuff  
\*Patent pending



Wide Range Cuff



UA-1030T/UA-1030T-W

Clinically Validated **CE** 0123  
Talking

Talking monitor for everyone

The UA-1030T has come with the latest talking technology with all features of the UA-1020. It announces the results in 5 languages (English, French, Spanish, Italian, and Chinese). You can increase volume through six levels or switch on to silent mode if required.



SmoothFit cuff  
\*Patent pending



Wide Range Cuff



2 psl.

# AND

## Digital Blood Pressure Monitor

### Model UA-1020

*Instruction Manual*  
Original

ENGLISH

*Manuel d'instructions*  
Traduction

FRANÇAIS

*Manual de Instrucciones*  
Traducción

ESPAÑOL

*Manuale di Istruzioni*  
Traduzione

ITALIANO

使用手冊  
翻譯

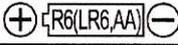
中文

1WMPD4002224F

3P/L

# Symbols

## Symbols that are printed on the device case

Symbols	Function / Meaning
	Standby and Turn the device on.
	Battery installation guide
	Direct current
SN	Serial number
2010 	Date of manufacture
	Type BF: Device, cuff and tubing are designed to provide special protection against electrical shocks.
 0123	EC directive medical device label
	WEEE label
	Manufacturer
	EU-representative
	Refer to instruction manual / booklet
	Polarity of DC jack
IP	International protection symbol
	Keep dry

1.1, 1.15

## Symbols that appear on the display

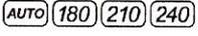
Symbols	Function / Meaning	Recommended Action
	Appears while measurement is in progress. It blinks when the pulse is detected.	Measurement is in progress. Remain as still as possible.
	IHB/AFib symbol Appears when an irregular heartbeat is detected. It may light when a very slight vibration like shivering or shaking is detected.	_____
	TriCheck™ mode Takes three consecutive measurements automatically and displays the average values of the three measurements.	_____
	Appears when a body or arm movement is detected.	The reading may yield an incorrect value. Try the measurement again. Remain still during measurement.

1.9.3

1.10

1.9.2

19.1

Symbols	Function / Meaning	Recommended Action
	Appears during measurement when the cuff is applied loosely.	The reading may yield an incorrect value. Apply the cuff correctly, and try the measurement again.
	Previous measurements stored in MEMORY.	_____
	Average data	_____
	FULL BATTERY The battery power indicator during measurement.	_____
	LOW BATTERY The battery power is low when it blinks.	Replace all batteries with new ones when the mark blinks.
Err	Unstable blood pressure due to movement during measurement.	Try the measurement again. Remain still during measurement.
	The systolic and diastolic values are within 10 mmHg of each other.	
	The pressure value did not increase during the inflation.	
Err CUF	The cuff is not applied correctly.	Apply the cuff correctly, and try the measurement again.
E	PUL DISPLAY ERROR The pulse is not detected correctly.	
Err E	Blood pressure monitor internal error	Remove the batteries and press the <b>START</b> button, and then install the batteries again. If the error still appears, contact the dealer.
Err g		
SYS	Systolic blood pressure in mmHg	_____
DIA	Diastolic blood pressure in mmHg	_____
PUL	Pulse per minute	_____
AM	Appears when the average data is displayed. Data taken between 4:00 and 9:59	_____
PM	Appears when the average data is displayed. Data taken between 18:00 and 1:59	_____
	Pressure settings Indicates the pressure value previously set by the user.	_____

*5. PSI*

# Maintenance

Do not open the device. It uses delicate electrical components and an intricate air unit that could be damaged. If you cannot fix the problem using the troubleshooting instructions, contact the authorized dealer in your area or our customer service department. The A&D customer service will provide technical information, spare parts and units to authorized dealers.

The device was designed and manufactured for a long service life. However it is generally recommended to have the device inspected every 2 years, to ensure proper functioning and accuracy. Please contact the authorized dealer in your area or A&D for maintenance.

# Technical Data

Type	UA-1020
Measurement method	Oscillometric measurement
Measurement range	Pressure: 0 - 299 <sup>1.8</sup> mmHg <sup>1.2</sup> Systolic pressure: 60 - 279 mmHg Diastolic pressure: 40 - 200 mmHg Pulse: 40 - 180 beats / minute <sup>1.3</sup>
Measurement accuracy	Pressure: $\pm 3$ mmHg <sup>1.4</sup> Pulse: $\pm 5$ % <sup>1.4</sup>
Power supply	4 x 1.5V batteries (R6P, LR6 or AA) or AC adapter (TB-233C) (Not included) <sup>1.4.1</sup> <sup>1.4.2</sup> <sup>1.12</sup>
Number of measurements	Approx. 1000 measurements, when AA alkaline batteries are used, with pressure value of 180 mmHg at room temperature of 23°C
Classification	Internally powered ME equipment (Supplied by batteries) / Class II (Supplied by adapter) Continuous operation mode
Clinical test	According to ISO81060-2 : 2013
EMD	IEC 60601-1-2: 2014
Memory	Last 90 measurements <sup>1.11</sup>
Operating condition	+10 to +40 °C / 15 to 85 %RH / 800 to 1060 hPa
Transport / Storage conditions	-20 to +60 °C / 10 to 95 %RH / 700 to 1060 hPa
Dimensions	Approx. 140 [W] x 60 [H] x 105 [D] mm

Gps!

Weight Approx. 285 g, excluding the batteries  
 Ingress protection Device: IP20  
 Applied part Cuff Type BF   
 Useful life Device: 5 years (when used six times a day)  
 Cuff: 2 years (when used six times a day)  
 AC adapter: 5 years (when used six times a day)

Accessory AC adapter  
 TB-233C  
 The adapter is to connect the blood pressure monitor to a power source at home. Please contact your local A&D dealer for purchasing.  
 The AC adapter is required to be inspected or replaced periodically.

Symbols that are printed on the AC adapter

Symbols	Function / Meaning
	For indoor use only
	Class II device
	Thermal fuse
	Fuse
	EC directive device label
	EAC certification device label
	Polarity of AC adapter plug

Accessories sold separately  
 Cuff

Catalog Number	Cuff Size	Arm Size
CUF-F-LA	Large adult cuff	31 cm to 45 cm
CUF-G-A	Adult cuff	17 cm to 32 cm

AC adapter

Catalog Number	Plug (Outlet type)
TB-233C	Type C

Note: Specifications are subject to change without prior notice.

IP classification is the degrees of protection provided by enclosures in accordance with IEC 60529. This device is protected against solid foreign objects of 12 mm diameter and greater such as a finger. This device is not protected against water.

*Fpsl.*

# AND

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