## Mercury-Free Professional Blood Pressure Monitors

# Solutions for Hospital-use

## Blood Pressure Monitors

### Durability & Easy-to-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 newly designed professional cuff of the UM Series ranges from SS to LL (5 sizes), 12cm to 50cm for the arm circumference.

	Cuff Size	Arm Size	REF (for UM-102)	REF (for UM-201& UM-211*
	SS	12cm to 17cm	CUF-KW-SS	CUF-KS-SS
	Small Adult	16cm to 24cm	CUF-KW-SA	CUF-KS-SA
	Adult	22cm to 32cm	CUF-KW-A	CUF-KS-A
	Large Adult	31cm to 45cm	CUF-KW-LA	CUF-KS-LA
	LL	41cm to 50cm	CUF-KW-LL	CUF-KS-LL

<sup>\*</sup>Adult, Large Adult and Small Adult (3 sizes) are available for use with UM-201.

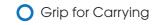




### Easy to Store & Easy to Carry

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.

















#### **Specifications**

	UM-102	UM-201	UM-211
Product picture	External Dimensions (mm/inches) B-type with optional stand  A-type  B-type  400 / 15.7	52 132 00 100 00 00 00 00 00 00 00 00 00 00 00	132 at 13
Measurement method	Auscultatory measurement with stethoscope	Oscillometric measurement	Oscillometric measurement and Auscultatory measurement with stethoscope
Measurement range	Pressure: 0 - 300mmHg Pulse: 40 – 180 beats / minute	Pressure: 0 - 299mmHg Pulse: 40 – 180 beats / minute	Pressure: 0 - 299mmHg Pulse: 40-200 beats / minute
Measurement accuracy	Pressure:±3mmHg, Pulse:±5%	Pressure:±3mmHg, Pulse:±5%	Pressure:±3mmHg, Pulse:±5%
Power supply	2 x 1.5V Batteries (LR6 or AA)	4 x 1.5V Batteries (LR6 or AA)	AC 100V - 240V (Rechargeable Battery)
Battery life	Approx. 2,000 measurements	Approx. 450 measurements	Approx. 300 measurements
Memory storage	N / A	N/A	Last 99 measurements
Operating conditions	+10°C to 40°C / 15%RH to 85%RH/800 hPa to 1060 hPa	+10°C to 40°C / 15%RH to 85%RH/800 hPa to 1060 hPa	+5°C to 40°C / 10%RH to 85%RH/800 hPa to 1060 hPa
Transport / Storage conditions	-20°C to +60°C / 10%RH to 95%RH	-10°C to +60°C / 15%RH to 85%RH	-20°C to +60°C / 10%RH to 95%RH
Dimensions	Approx. 98 <w> x 67<h> x 324<d> mm (A-type) Approx. 98<w> x 326<h> x 202<d> mm (B-type)</d></h></w></d></h></w>	Approx. 150 <w> x 156<h> x 120<d> mm</d></h></w>	Approx. 120 <w> x 200<h> x 140<d> mm</d></h></w>
Weight	Approx. 520g (Unit without Battery) (A-type) Approx 540g (Unit without Battery) (B-type)	Approx. 480g (Unit without Battery)	Approx. 550g (Unit without Battery)
Standard accessories	Adult Cuff (22-32cm), Rubber Bulb Unit, 2 x AA Battery	Adult Cuff (22-32cm), 4 x AA Batteries	Adult Cuff (22-32cm), Battery Pack, AC Adaptor, AC Cable
Options	CUF-KW-LL: LL Cuff (41-50cm) CUF-KW-LA: Large Adult Cuff (31-45cm) CUF-KW-A: Adult Cuff (22-32cm) CUF-KW-SA: Small Adult Cuff (16-24cm) CUF-KW-SS: SS Cuff (12-17cm) UM-102-10: Rubber Bulb Unit UM-102-11: Connector and Plugs for Cuff Replacement UM-ST001: Mobile Stand (for B-type only)	CUF-KS-LA: Large Adult Cuff (31-45cm) CUF-KS-A: Adult Cuff (22-32cm) CUF-KS-SA: Small Adult Cuff (16-24cm) TB-240: AC Adaptor (A Plug) TB-233C: AC Adaptor (C Plug) TB-233BF: AC Adaptor (BF Plug)	CUF-KS-LL: LL Cuff (41-50cm) CUF-KS-LA: Large Adult Cuff (31-45cm) CUF-KS-A: Adult Cuff (22-32cm) CUF-KS-SA: Small Adult Cuff (16-24cm) CUF-KS-SS: SS Cuff (12-17cm) UM-211-20: Battery Pack TB-268: AC Adaptor K01886: AC Cable (A Plug) K01887: AC Cable (C Plug) K01888: AC Cable (BF Plug)



### A&D Company, Limited

### A&D ENGINEERING, INC. 1756 Automation Parkway, San Jose, CA 95131 U.S.A. Telephone 11/408/263-5333 Fax11/408/263-0119

**A&D INSTRUMENTS LIMITED** Unit 24/26 Blacklands Way Abingdon Business Park, Abingdon, Oxon OX14 1DY UNITED KINGDOM Telephone:[44](1235) 550420 Fax:[44](1235) 550485

### A&D AUSTRALASIA PTY. LTD.

### A&D INSTRUMENTS INDIA PRIVATE LIMITED

509 Udyog Vihar Phase V Gurgaon-122 016, Haryana, India Telephone : [91](124)471-5555 Fax: [91](124)471-5599





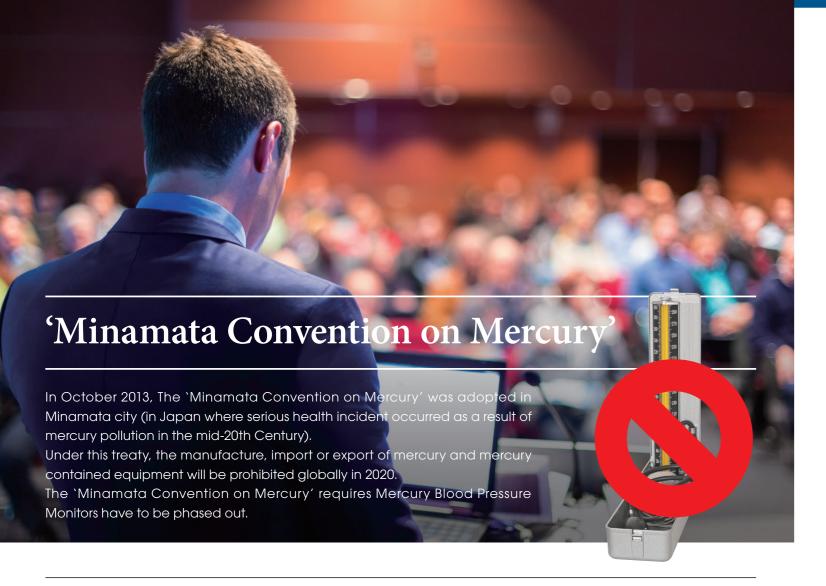




UM-102



Technology You Can Trust



### A&D Medical is Responding to 'Mercury-Free Era'

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.

### UM Series Lineup



### ■ UM-102 A-type Auscultatory Hybrid

Traditional Style Mercury-Free Sphygmomanometer



### ■ UM-102 B-type Auscultatory Hybrid

Mercury-Free Sphygmomanometer with New Dual Use Design



### UM-201 Oscillometric

Blood Pressure Monitor



#### **I** UM-211 Oscillometric and Auscultatory

All-in-one Blood Pressure Monitor

### Mercury-Free Sphygmomanometer

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.

\*Mercury-Free + Auscultatory Measurement + Digital Display

- Auscaltory 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

A-type

Anti-glare display minimizes reflected light

A-type Traditional Style





MERCURY FREE

### B-type New Dual Use Design



Flat base for stacking multiple units







In combination with optional mobile stand

## UV-201 (Enlically Clinically Validated C € 0123 Simple Operation Blood Pressure Monitor

Currently many home-use blood pressure monitors are used in hospitals because of their reasonable cost and simple operation. UM-201 is our optimal solution to meet the required durability at hospitals and replace blood pressure monitors designed for home-use. This easy-to-use device comes with a clear display, durable body and professional cuff.

- Durable and chemical resistant body
- Professional cuff and 3 cuff sizes are available for use
- One-touch operation
- Large LCD display
- Cuff holder and grip for carrying
- ◆ Irregular HeartBeat (IHB) indicator













#### Dual measurement mode (Auscultatory and Oscillometric)

UM-211 is designed for multipurpose use in hospitals.

This model is available for dual measurement mode

(auscultatory mode with use of the stethoscope and

Cuff holder and grip for carrying

oscillometric mode).

- 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 (IHB) indicator
- Room temperature display

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



Stand-by display (Room temperature)



(with backlight)

Mercury-Free Professional Blood Pressure Monitors

Multiple Usages



Outpatient







Easy to carry

Measurement at ward









