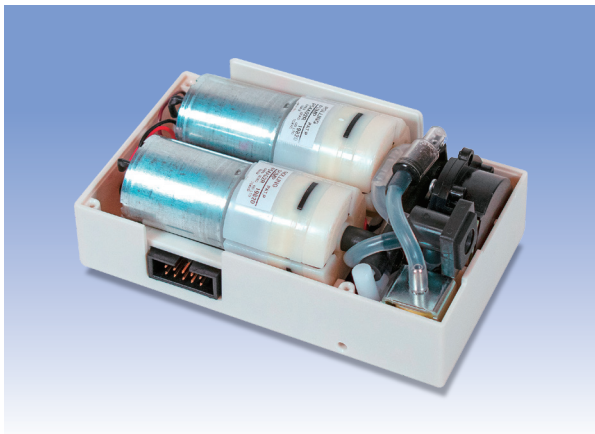


Non-Invasive Blood Pressure Module TM-2917



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

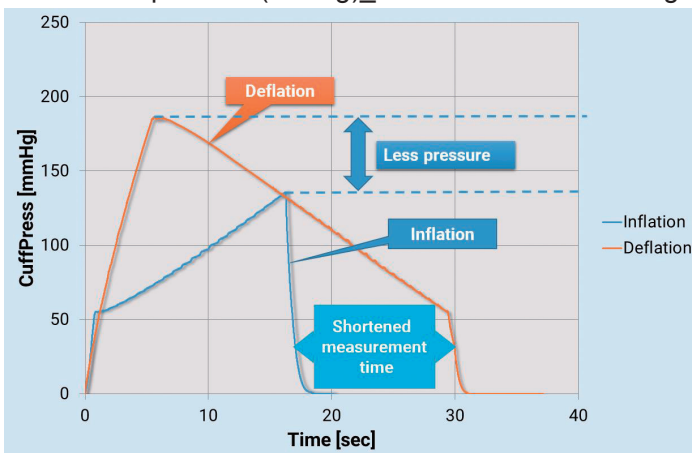


*Image when the cover is opened

Features

- Inflation or deflation measurement mode
 - Advanced measurement algorithm
 - Adopt the wide range cuff (22 cm-42 cm) as well as 5 other types of cuffs
 - Dual-rolling pump
 - Equipped with LCD display
 - 5 V-12 V power source
 - IHB screening function
 - ISO:81060-2 clinical protocol validated
 - Includes the well-established ECEV*
- *ECEV - Electric Control Exhaust Valve

Set blood pressure(mmHg)_SBP:120/DBP:84 mmHg



Inflation vs. Deflation Method

Benefits of inflation measurement

- Reduction of excessive inflation
- Shorter measurement time
- Quicker results confirmation

Specifications

Model Name	TM-2917	
Measurement method	Oscillometric	
Operating modes	Set either inflation or deflation	
Patient applications	Adult, children, neonatal	
Pressure detection method	For measurement	Semiconductor pressure sensor
	For safety circuit	Semiconductor pressure sensor
Measurement range	Pressure	0 mmHg to 299 mmHg
	Pulse rate	30 bpm to 240 bpm
Measurement accuracy	Pressure	±3 mmHg over full range in operating conditions
	Pulse rate	±2 % or ±2 bpm, whichever is greater
Systolic range	(Inflation) Adult	60 mmHg to 280 mmHg
	Neonatal	N/A
	(Deflation) Adult	40 mmHg to 280 mmHg
	Neonatal	40 mmHg to 130 mmHg
Diastolic range	(Inflation) Adult	40 mmHg to 200 mmHg
	Neonatal	N/A
	(Deflation) Adult	20 mmHg to 200 mmHg
	Neonatal	20 mmHg to 100 mmHg
Scale interval	Pressure	1 mmHg
	Pulse rate	1 bpm
Inflation method	Pump	Rolling pump 10 s or less / 0 mmHg to 300 mmHg
Exhaust system	Controlled exhaust	Automatic deflation controlled by solenoid valve
	Rapid exhaust	Rapid exhaust by opening of solenoid valve for controlled exhaust and rapid exhaust
Electrical rating	Rated power supply voltage	Direct current +5 V to +12 V
	Power input	Not more than 8 VA
Serial communication	Standard	Based on RS232C
	Logic levels	TTL (3.3 V) signal voltage level
	Data-flow control	RTS from NIBP MODULE only (Non-use CTS)
Operating conditions	Temperature	0°C to 60°C
	Humidity	Not more than 85 %RH(non-condensation)
	Air pressure	700 hPa - 1060 hPa
Transport/storage conditions	Temperature	-20 °C to +70 °C
	Humidity	95 %RH or less (with no condensation)
	Air Pressure	700 hPa - 1060 hPa
NIBP accuracy	Meets ISO 81060-2:2013	
Safety & regulatory standards	IEC 60601-1:2005+AMD1:2012	
	IEC 60601-1-2:2014, IEC 80601-2-30:2018	
	ISO 81060-2:2013, IEC 62304:2006	
Service life	Time	6 years
	Cycles	100,000
External dimensions	Approx. 60(H) × 39(W) × 104.5(D) mm	
Weight	Approx. 260 g	

Accessories & Options

5 types cuffs & Wide range cuff

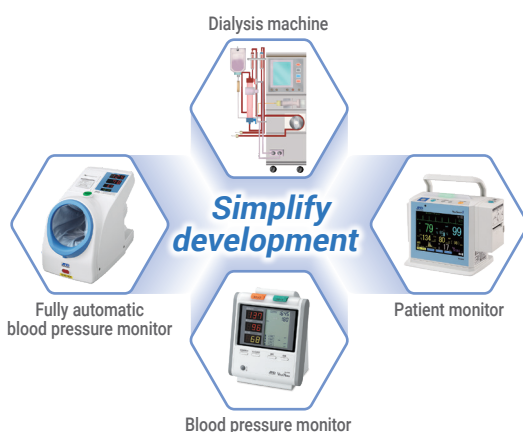
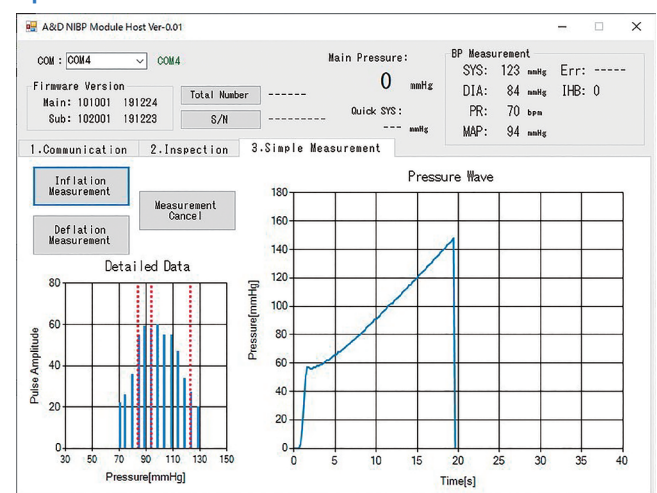
Cuff size	Arm size	REF
LL	41 cm - 50 cm	UM-LLRS2M1KEC
Large Adult	31 cm - 45 cm	UM-LARS2M1KEC
Adult	22 cm - 32 cm	UM-AURS2M1KEC
Small Adult	16 cm - 24 cm	UM-SARS2M1KEC
SS	12 cm - 17 cm	UM-SSRS2M1KEC
Wide range	22 cm - 42 cm	UM-WRRS2M1KEC



Options Operation Verification kit *For ISO 13485 manufacturers

Model Name	Units	Description
TM-2917	2	Inflation / deflation mode (Factory setting)
All cuff size	1 set each	5 types cuffs and wide range cuff
Air hose	1	(With plug) 1.5 m
Air plug angle	5	Air plug for connection to the TM-2917 air connection port
Air plug straight	5	
Specification	1	PDF (included in USB)
Communication specifications	1	PDF (included in USB)
Operation unit	1	NIBP communication unit
Operation verification software	1	Software (USB) for Windows 10
Serial-USB conversion cable	1	With driver

Operation verification software



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