

Non-Invasive Blood Pressure Module

Model: TM-2917

A&D has 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 method.

General Specifications

- Inflation or deflation measurement method
- Advanced measurement algorithm
- Adopts the wide-range cuff (22 cm ~ 42 cm) as well as 5 other sizes of cuffs
- Dual-rolling pump
- Equipped with LCD display
- 5 to 12 V power source
- IHB screening function
- ISO:81060-2 clinical protocol validated
- Includes the well-established ECEV*

* ECEV - Electric Control Exhaust Valve



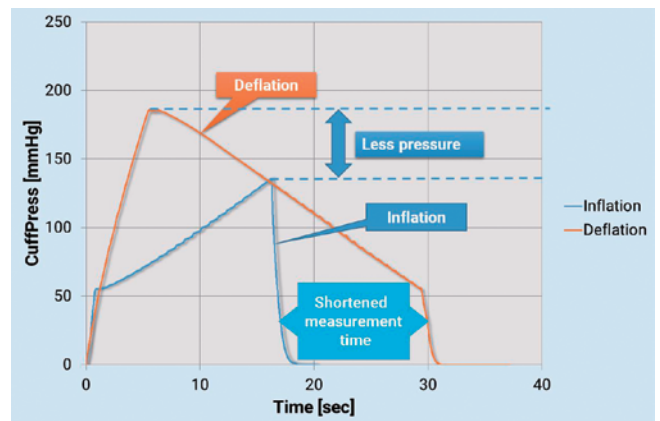
* Image when the cover is opened

Inflation vs. Deflation Method

Benefits of inflation measurement

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

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



Applicable Target Devices



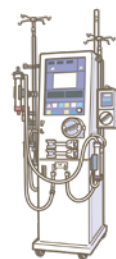
Fully automatic blood pressure monitor



Blood pressure monitor



Patient monitor



Dialysis machine

Technical Specifications

Measurement Method	Oscillometric
Operating Modes	Set either inflation or deflation
Measurement Range	0 to 299 mmHg / Pulse: 30 to 240 bpm
Measurement Accuracy	Pressure: ± 3 mmHg / Pulse: ± 2 % or ± 2 bpm, which is greater
Power Source	Direct current 5 to 12 V
Battery Life	Approx. 6 years / 100,000 cycles
NIBP Accuracy	Meet ISO 81060-2:2013 (Deflation) / ISO 81060-2:2018+AMD1:2020 (Inflation)
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
Operating Conditions	0 to 60 °C / Not more than 85 %RH (no condensing) / 700 to 1060 hPa
Transport / Storage Conditions	-20 to +70 °C / 95 %RH or less (no condensing) / 700 to 1060 hPa
Outer Dimensions (W) x (D) x (H)	104.5 x 39 x 60 mm
Weight	260 g

Optional Accessories

Product Code	Option Name
UM-SSRS2M1KEC	SS Cuff (12 cm ~ 17 cm)
UM-SARS2M1KEC	Small Adult Cuff (16 cm ~ 24 cm)
UM-AURS2M1KEC	Adult Cuff (22 cm ~ 32 cm)
UM-LARS2M1KEC	Large Adult Cuff (31 cm ~ 45 cm)
UM-LLRS2M1KEC	LL Cuff (41 cm ~ 50 cm)
UM-WRRS2M1KEC	Wide Range Cuff (22 cm ~ 42 cm)

Optional cuffs

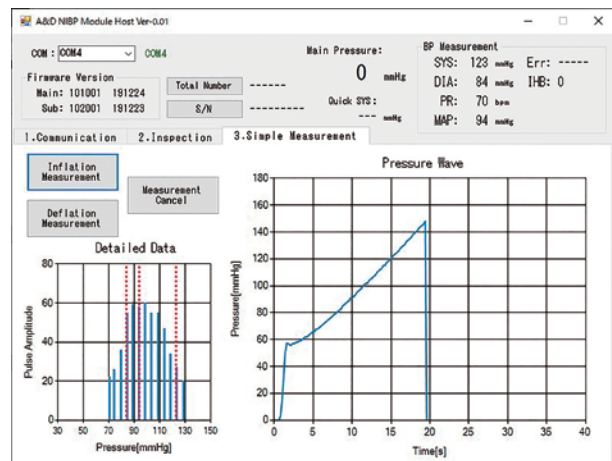


Options Operation Verification kit

* 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		
Specification	1	PDF (included in USB)
Communication specifications		
Operation verification software	1	Software (USB) for Windows 10
Serial-USB conversion cable	1	With driver

Operation verification software



Specifications may differ in each country.
Please contact A&D subsidiary for more information



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