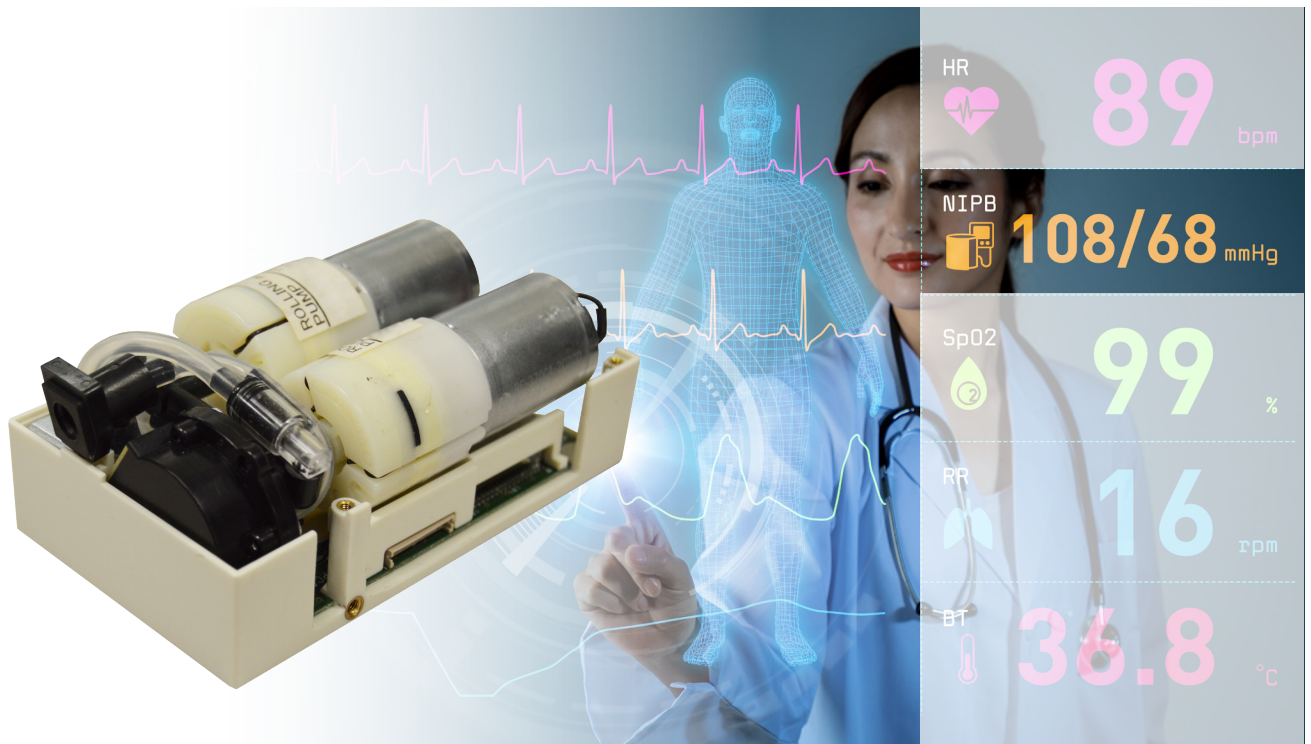


OEM NON-INVASIVE BLOOD PRESSURE (NIBP) MODULE



Trusted Accuracy and Quality

A&D Medical has devoted over 35 years to the innovation of blood pressure monitors always focusing on accuracy and quality. The accuracy and quality of A&D Medical devices is proven in numerous clinical validation studies and evident in reviews such as Consumer Reports. Clinicians around the globe trust our blood pressure monitor technology every day to acquire critical information about their patient's health.

A&D manufactures and sells almost 5 million blood pressure monitors a year, making us a trusted partner for medical device manufacturers. The culmination of A&D's innovation in blood pressure algorithms is embedded in the OEM NIBP module. This serves as the building block of the highest quality for medical and surgical products.

KEY FEATURES:

- Advanced measurement algorithm
- Compact, quiet, low-heat design
- Dual-rolling pump
- Includes the well-established Electric Control Exhaust Valve (ECEV)
- Covers measurement from pediatric to adults

Specifications

Item		TM-2915
Blood pressure measurement		Oscillometric method
Pressure detection	For measurement: For safety circuit:	Pressure sensor for capacitance method Pressure sensor for capacitance method
Measurement range	Pressure: Pulse:	0 to 300 mmHg 40 to 200 bpm (adult) 40 to 240 bpm (pediatric)
Measurement precision	Pressure: Pulse:	±3 mmHg ±5%
Pressure method	Pump: Pressure performance: (At shipping)	Rolling pump <i>10 s or less/0→300 mmHg</i> <i>(Power voltage 5.00 V, 500 cc capacity connection)</i>
Exhaust method	Constant exhaust: Quick exhaust:	By solenoid valve control (ECEV II) Quick exhaust by opening solenoid valve for constant exhaust or quick exhaust valve
Power source	For circuit (Vcc) For mechanical power (Vp)	5 ±5% [V]/0.1[A] 5 ±5%[V]/1.0[A]
Serial communication	Voltage level: Trans. method: Trans. speed: Data configuration:	TTL (3.3 V) *RxD up to 5 V possible Stop-start synchronization, duplex transmission At shipping from factory, selectable from 4800/9600/19200 bps 1 start bit, 8 data bits, no parity 1 stop bit
Operation environment	Temperature: Humidity: Pressure:	+10 to +50°C 85%RH or less (with no condensation) 700 to 1060 hPa
Storage environment	Temperature: Humidity: Pressure:	-20 to +60°C 95%RH or less (with no condensation) 500 to 1060 hPa
External dimensions:		60(H) x 39(W) x 104.5(D)
Weight:		280 ±5% [g]

Standard Accessories:

- Adult cuff
- Air hose (2m)
- Cuff connectors
- Silicone tube (300mm)

Optional Accessories:

- Child cuff
- Small cuff
- Large cuff
- Air hose (1.5m)
- Disposable cuff covers

**The cuff connector and air hose length for the host device can be customized as necessary.*

