

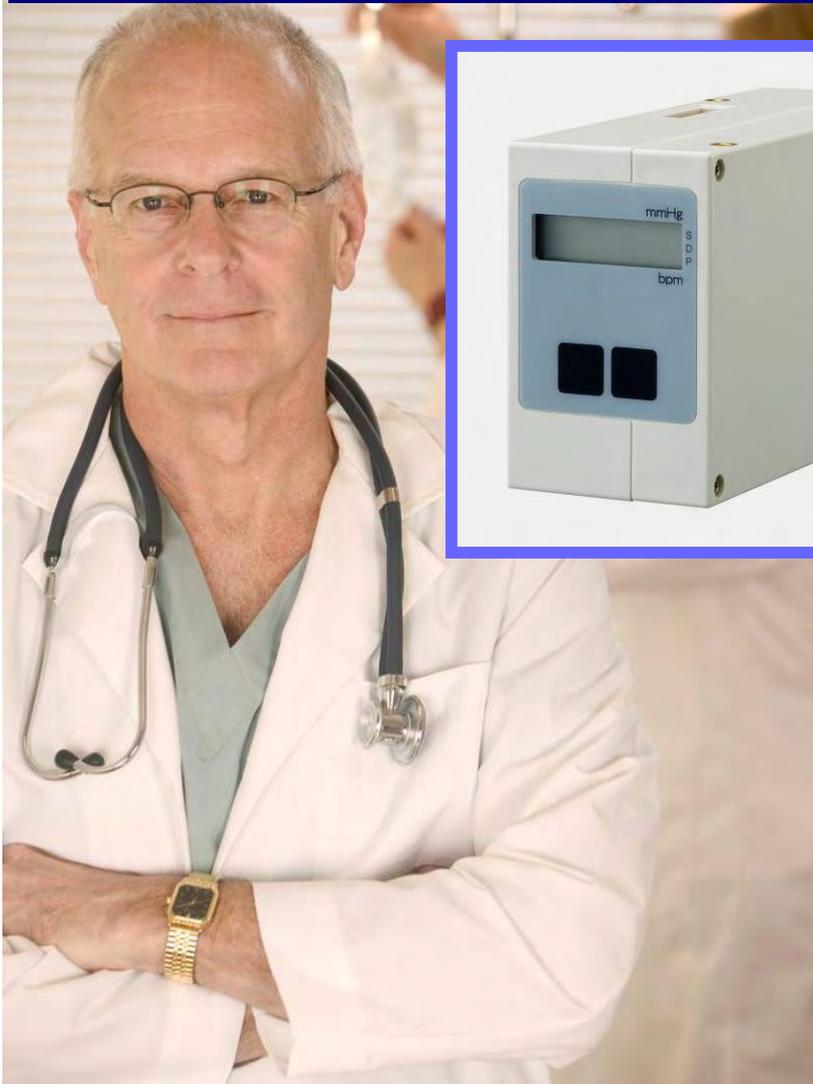
Non-invasive blood pressure measurement module

TM-2915

A&D's yearly worldwide sales of non-invasive blood pressure monitors have reached 4.5 million a year!

A&D has developed the TM-2915 series with a new algorithm based on solid results

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



Non-Invasive Blood Pressure

■ Specifications

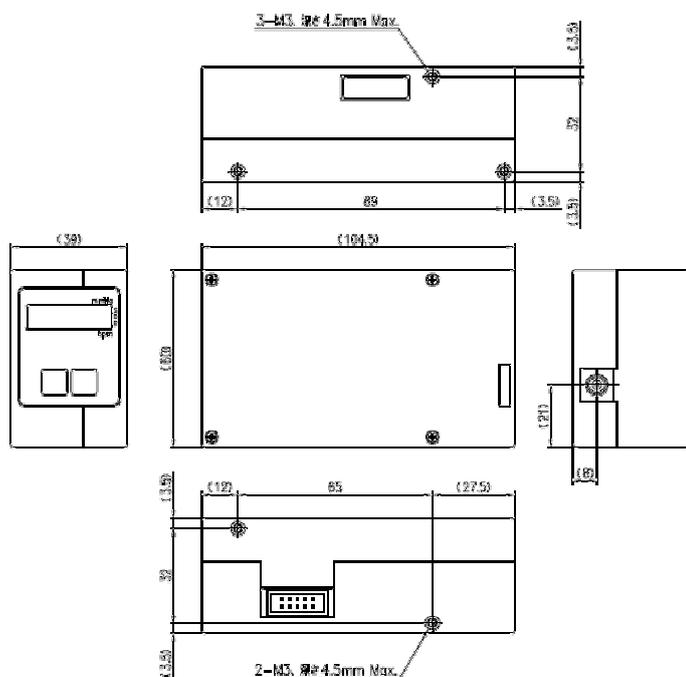


Non-invasive blood pressure measurement module

TM-2915

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 (newborn)
Measurement precision	Pressure: Pulse:	±3 mmHg ±5%
Pressure method	Pump: Pressure performance: (At shipping)	Rolling pump 10 s or less/0→300 mmHg (Power voltage 5.00 V, 500 cc capacity connection)
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]

■ External structure



■ Accessories

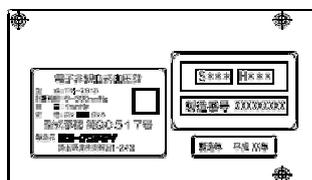
Standard Accessories:

Adult cuff, Air hose (2m), Cuff connectors, Silicon tube (300mm)

Options:

Child cuff, Small cuff, Large cuff, Air hose (1.5m), Disposable cuff clothes (2sets)

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



Appearance and specifications may change for improvement without warning.

A business field covering all measurement.