

Multi-parameter **Module MMPD**

It is used to monitor the patient's blood oxygen, blood pressure, body temperature, and pulse.



Dimension : 140 mm × 85 mm × 25 mm

SPO2

NIBP

PR

2×TEMP

Features

- > With pulse oxygen, pulse rate monitoring function.
- > With monitoring function of systolic blood pressure, diastolic blood pressure and mean pressure.
- > With 2 body temperature monitoring functions.
- > Provide three patient modes: adult, child and newborn mode.
- > Module thickness is only 25mm, exquisite and compact.
- > Integrated blood pressure gas circuit system design.
- > The working status of the real-time transmission module: hardware status, software status and sensor status, the upper computer can alarm in time according to the information.
- > When the perfusion index is as low as 0.3%, the blood oxygen monitoring is accurate and reliable, meeting the application of surgery and ICU.
- > Both blood oxygen and blood pressure adopt advanced algorithms, with anti-motion interference and weak signal measurement performance.
- > Blood pressure measurement has three modes: manual, automatic and continuous mode.
- > Blood pressure measurement has hardware and software dual overvoltage protection functions.
- > Double timeout protection for blood pressure measurement (module timeout protection, provide timing trigger port of host computer).

Specifications

SPO2

Range	0~100%
Accuracy	±2%(70%~100%)Undefined(0~69%)
Resolution	1%

PR

Range	25~300bpm
Accuracy	±3bpm
Resolution	1bpm

PI

Range	0~20%
Accuracy	Undefined
Resolution	0.001%

TEMP

Range	0-50°C
Accuracy	±0.1°C
Resolution	0.1°C

NIBP

Pressure Range	0-300mmHg		
Pressure Accuracy	±2mmHg or ±1% (Whichever is greater)		
Resolution	1mmHg		
Systolic Range	Adult : 40~270mmHg	Pediatric : 40~235mmHg	Neonate : 40~130mmHg
Distolic Range	Adult : 10~210mmHg	Pediatric:10~200mmHg	Neonate:10~90mmHg
Mean Range	Adult : 20~230mmHg	Pediatric : 20~225mmHg	Neonate : 20~100mmHg
Accuracy	The mean deviation<±5mmHg The standard deviation<8mmHg		

Electical Specification

Power supply	DC.12V±5%	
Power consumption	≤6W	
Communication	TTL,USART	
Temperature	Operating 0°C~ 70°C	Storage -40°C~ 70°C

Compliance

Standard	IEC 80601-2-30: 2018 ISO 80601-2-61: 2017	DIN EN ISO 81060-1: 2012	BS EN 1060-3:1997 +A2: 2009
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* The data is subject to change without notice. Please refer to the manual for the contraindications and precautions