

# Monitoring Operating Room



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The **3<sup>th</sup>**  
Book

Ningbo PINMED Instruments Co., Ltd.





## Company Profile

Pinmed is located in the beautiful sea port city ,Ningbo. and we are focus on the top quality of medical products to introduce to global customer. as we have very advanced technical department to do products design, new innovation and improve our quality day by day. the engineer team with good education background in USA or in Germany. and our production line has cleaning room to sure the products is very clear. also we have strictly quality control system. our products have CE approved and FDA approved.

We hope we can bring you the best quality in China and bring the customer more safety and more reliable products.

Quality is everything, we don't do cheaper quality, we just do the best quality.

Ningbo Pinmed Instruments Co.,Ltd.



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## Fetal Monito

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## Pulse Oximeter

### PM040040001



SpO2 value display  
Pulse rate value display, bar graph display  
Pulse waveform display  
The display mode can be changed  
Screen brightness can be changed  
Low-voltage indication: low-voltage indicator appears before working abnormally which is due to low-voltage. Automatically power off function: when the device is under the state of measuring interface. it will automatically power off within 5 seconds if the finger falls out of probe  
Display format can be saved after power off



## Ambulatory Blood Pressure Monitor

### PM040010001

Compact and portable, user-friendly interface, easy to use  
Patient range: adult, pediatric, neonate  
24 hours ambulatory NIBP monitoring function, up to 350 groups of ambulatory NIBP data can be recorded for once.  
Perfect combination of automatic and manual measurement method, up to 300 groups of data can be recorded for once by manual measure.  
High-definition color TFT display, strong visibility  
By data review interface such as "data list", "trend graph", "big font", NIBP data is clear at a glance  
Display of low power prompt, alarm, error message and time  
Supply two kinds of unit: mmHg / kPa  
Display interface can be switched between Chinese and English  
Parameter alarm dispose function is optional  
Communicate with PC, PC software can achieve data review, measured results analysis, view of trend graph, reports printing and other functions

#### Software features

- 1) Connect to the device by USB interface.
- 2) Download NIBP measure result from the terminal device.
- 3) Display of scoop-shape trend graph, filling-type trend graph, histogram, pie chart, correlation line graph.
- 4) Edit every piece of NIBP data, and add annotation to it.
- 5) Edit basic information, doctor's advice, NIBP status instruction, current medicine-taken information, etc.
- 6) Support report printing and print preview.



## Fetal Monitor

### PM040020001

Compact design, it can be placed horizontally or hung on the wall.  
Color LCD, 60° convertible screen  
Display monitoring curve and data clearly  
Area mark for normal FHR(120 BPM~160 BPM).  
Manual record for fetal movement.  
Alarm for abnormal FHR  
Real-time monitoring for continuous 24 hours.  
Storage, playback and print the monitoring curve for continuous 12 hours.  
Optional interface languages: Chinese and English.  
Optional twins monitoring.  
9-crystal and broad beam transducer.  
Extra long-life and high-resolution built-in thermal printer.  
Communicate with central monitoring system by the built-in RJ45.



## Pocket Fetal Doppler

### PM040030001

Built-in speaker  
Three working mode: Real-time FHR Display Mode, Averaged FHR Display Mode and Manual Mode  
LCD screen  
Battery status indication  
Auto shut off if there is no signal within 1 minute  
High sensitive doppler probe, fetal heart sound can be heard clearly for pregnancy more than 12 weeks  
Low consumption, two AALR6 batteries can last more than 8 hours for normal use  
Pluggable USB probe interface, probe can be replaced





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### Pulse Oximeter

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#### *PM040040002*

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Display of SpO2 value.  
Display of PR value and bar graph.  
Display of pulse waveform.  
Low battery indication.  
Automatic power off when there is no operation for one minute.  
Changeable display mode.  
Adjustable brightness.  
PR sound.  
Alarm function.  
Automatic storage for SpO2 and PR value.  
Wireless transmission.  
The data stored can be uploaded to APP by Bluetooth, APP will upload the data to CLOUD platform for analyzing.

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### Patient Monitor

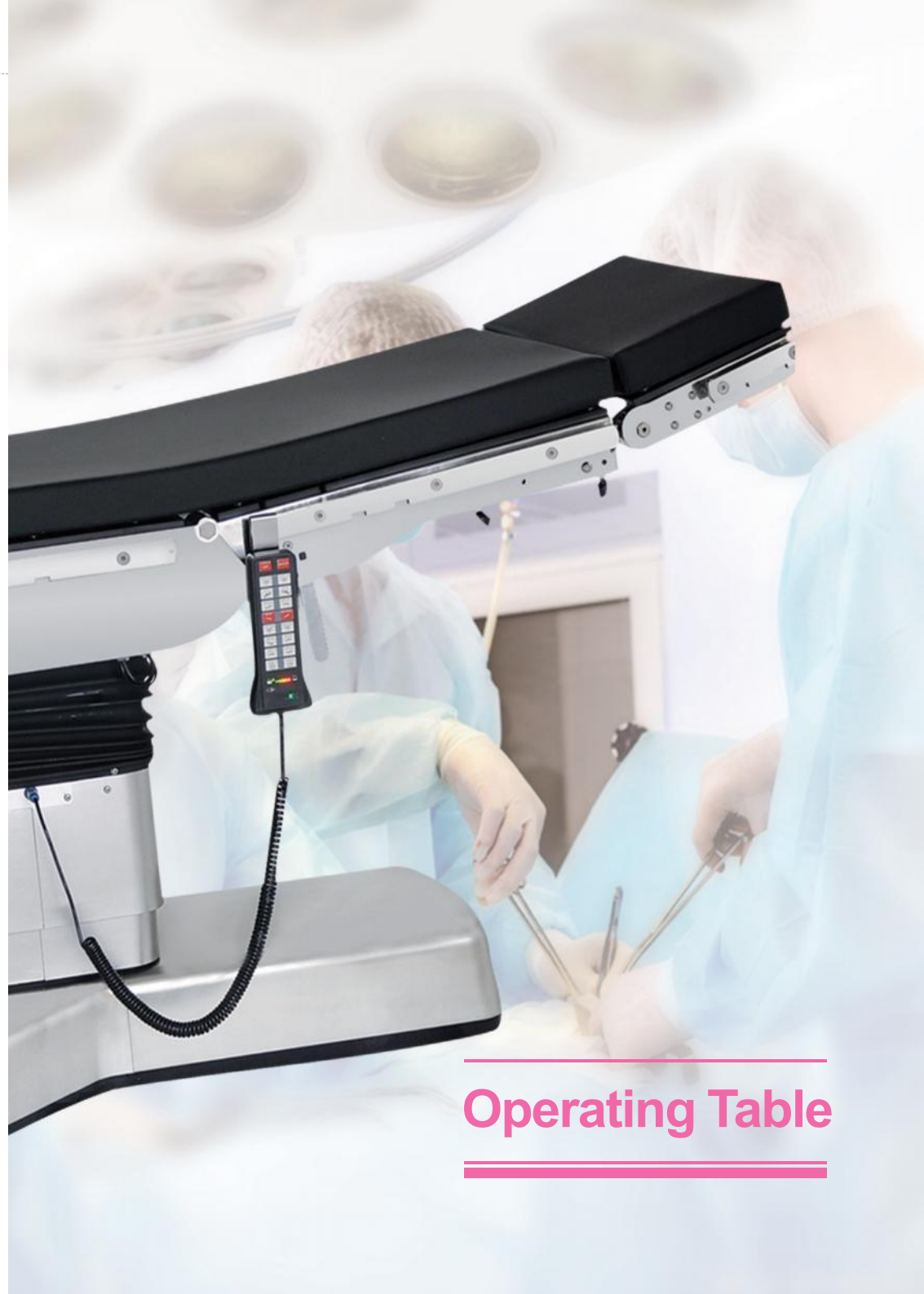
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#### *PM040050001*

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12.1" TFT color LCD, multi-language interface(Simplified Chinese, Traditional Chinese, English, French, German, Turkish, Spanish, Portuguese, Italian, Dutch, Romanian, Russian, Kazakh, Polish, Czech).  
Fanless design, quiet, energy-saving and clean, which reduces the possibility of cross-infection.  
All-round monitor for adult, pediatric and neonate.  
With standard interface, oxygen graph, trend graph, big character interface and view bed, convenient to observe.  
Finish all operations by keys and knobs.  
Maximum 8-channel waveform synchronous display.  
Display 7-lead ECG waveform on one screen, cascade ECG waveform display  
Adopt digital SpO2 technology, anti-motion and anti-ambient light interference, and measurement can be performed under the circumstance of weak filling.  
Heart rate variability (HRV) analysis function  
NIBP measurement mode: Manual/AUTO/STAT, storage for 4800-group NIBP data.  
Review for 71 alarm events of all parameters and 60 arrhythmia alarm events.  
Drug concentration calculation and titration table functions.  
One-touch printing of trend graph  
Connect to Central Monitoring System by 3G, Wi-Fi or wired mode.  
AC/DC, built-in rechargeable lithium battery achieve uninterrupted monitoring.  
Anti-high frequency surgical unit, defibrillation-proof (special leads are necessary).

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## Operating Table

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Electric operating table features with integrated multi-function can fulfill the needs of various operations.



### Operation table

#### *PM06001001*

The bed surface adopts imported carbon plastic platethe, the table can slide which can fulfill the needs of C type arm whole body examination.

Panel control and remote control, with battery can fit for 50 sets operaing

The mattress is wrapped with imported artificial leather. High-density memory sponge is formed in one piece, with no seam.

Imported LINAK motor without noise and with long life-span.

The base seat and upright column covering are made of high quality 304 stainless steel which can be easily cleaned and sterilized.

Foot treadle brake device which is easy for moving operating table.

The leg part use spring gas control ,separate leg part



### Operation table

#### *PM06001002*

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Foot treadle brake device which is easy for moving operating table.

The leg part use spring gas control ,separate leg part

**Optional double table top for X-RAY exam.**



### Operation table

#### *PM06001003*

Electro-hydraulic mode of operation is adopted. The hydraulic system imported from Genmany HOERBIGER .Two control modes (hand-held remote controller and panel) are available to control various movements. MCU processing is used. Self-locking function is provided to avoid false triggering.

Quality stainless steel 304 is used for table support, base plate, column shield and rails on both sides of the table, easy for cleaning and sterilization. Console supports the use of cast aluminum parts, never rust.

The mattress is wrapped with imported artificial leather. High-density memory sponge is formed in one piece, with no seam.

Imported carbon steel plate is used for the table top, which is convenient for X-ray photography. AC and DC can use at the same time.

It has the function of auto-restoration.

The table top can sliding

Electric braking device, convenient for shifting the operating table.



### Operation table

#### *PM06001004*

Imported hydraulic motor and solenoid valve from HOERBIGER

Electro-hydraulic mode of operation is adopted. Two control modes (hand-held remote controller and panel) are available to control various movements. MCU processing is used. Self-locking function is provided to avoid false triggering.

Quality stainless steel 304 is used for table support, base plate, column shield and rails on both sides of the table, easy for cleaning and sterilization. Console supports the use of cast aluminum parts, never rust.

The mattress is wrapped with imported artificial leather. High-density memory sponge is formed in one piece, with no seam.

Imported carbon steel plate is used for the table top, which is convenient for X-ray photography.

The head part can put into leg part, It can enable the C arm. X-ray examination and photography on the whole body.

Electric braking device, convenient for shifting the operating table.

It has the function of auto-restoration.

AC and DC can use at the same time.



### Obstetric table

**PM060020001**

Imported LINAK motor, Various actions are controlled by remote controller.  
 The base seat and upright column covering are made of high quality 304 stainless steel.  
 The mattress adopts high density memory sponge and is once formed, with no seam.  
 Plug-in auxiliary table is easy for dismantling.  
 Equipped with stainless steel sewage basin and other accessories.  
 Foot treadle brake device which is easy for moving obstetric table.



### Obstetric table

**PM060020002**

Imported LINAK motor Various actions are controlled by remote controller.  
 The table, base seat and upright column covering are made of high quality 304 stainless steel, which is anti-corrosive and can be easily cleaned.  
 The mattress adopts high density memory sponge and is once formed, with no seam.  
 Whole stainless steel hidden auxiliary table with flexible extension and retraction.  
 Equipped with stainless steel sewage basin and other accessories.  
 Foot treadle brake device which is easy for moving obstetric table



### Obstetric table

**PM060020003**

Imported LINAK motor Various actions are controlled by remote controller.  
 The table, base seat and upright column covering are made of high quality 304 stainless steel, which is anti-corrosive and can be easily cleaned.  
 The mattress adopts high density memory sponge and is once formed, with no seam.  
 Whole stainless steel hidden auxiliary table with flexible extension and retraction.  
 Equipped with stainless steel sewage basin and other accessories.  
 Foot treadle brake device which is easy for moving obstetric table



### Obstetric table

**PM060020004**

Imported LINAK motor Various actions are controlled by remote controller.  
 Super mute big foot wheel which is easily moved and equipped with center control breaking system.  
 Equipped with stainless steel sewage basin .  
 The mattress adopts high density memory sponge and is once formed, with no seam.



## Operating room products

### X-ray film

#### X-ray film observation luminaire



*PM060030001*

*PM060030002*

*PM060030003*

They have a beautiful and natural exterior design. The panel frames are made from new-type materials such as special electrophoresis aluminum extruded sections and plastic alloys.

with the function of automatic switching-on upon film-inserting.

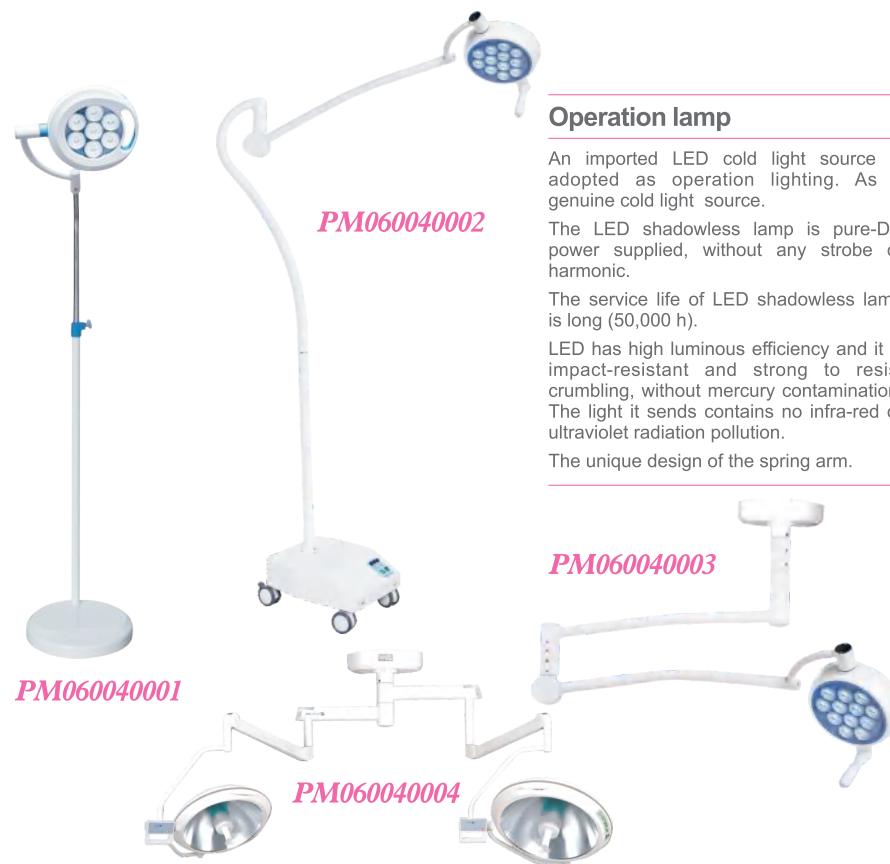
with the function of delayed switching-off after a film is removed .

install method: wall-mounted type and bracket type

Mode	PM060030001/2/3
Input voltage/frequency	110-240V 50/60HZ
Input power	IT:35W IIT:70W IIIT:105W
Backlight source type	LED
Color rendering index	70
Color temperature	9000±300K
Service life	80,000 hours
Average brightness	300 cd/m <sup>2</sup> -4000 cd/m <sup>2</sup>
Average illuminance	900 lux-13,000 lux
Brightness uniformity coefficient of viewing screen Appropriate films	≥90%



## Operating Lamp



### Operation lamp

An imported LED cold light source is adopted as operation lighting. As a genuine cold light source.

The LED shadowless lamp is pure-DC power supplied, without any strobe or harmonic.

The service life of LED shadowless lamp is long (50,000 h).

LED has high luminous efficiency and it is impact-resistant and strong to resist crumbling, without mercury contamination. The light it sends contains no infra-red or ultraviolet radiation pollution.

The unique design of the spring arm.

The no welding titanium alloy main arm is adopted, so that the appearance is aesthetic and the rotation is more flexible and convenient.

The removable handle sheath can be disinfected at the high temperature of 135°C.

The depolished panel made of imported material makes the light rays softer.

The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable.

The special radiation filter reducing the heat to the minimum level.

The multi-flake retroreflector made of imported aluminum sheet has the features of no coating film and never fading.

Imported lamp receptacle, Tungsten halogen bulbs of international brand are adopted with the average service more than 1500 hours.

Light adjustment circuit adopts CPU control, enabling increase or decrease of illumination and boasting brightness memory.

One lamp holder with two bulbs enables automatic operation of the standby bulb in 1/2 second when the main bulb malfunctions, and it has indicators for the damage of main or standby bulb.





**PM060040005**

**Operation lamp**

Imported LED cold light source is adopted , with the ultrathin optical lens.  
 Digital means are adopted for stepless regulation of LED brightness.  
 Light field size can be adjusted by the handle.  
 The removable handle sheath can be disinfected .  
 The service life of LEDshadowless lamp is long (50,000h).  
 Color temp can be adjusted in three steps.  
 The imported switch power supply is adopted to control the voltage, making the work voltage permanently stable.  
 The no welding titanium alloy arm,Imported spring arm make sure the lamp head adjusted easily and freely.



**PM060040008**

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**PM060040006**



**PM060040007**



**PM060040009**



**PM060040010**



