


# JCR MEDICAL

Medical Sensor Consumables / Cable Solution Provider



Shenzhen JCR Medical Technology Limited Company

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## Company Profile

Shenzhen JCR Medical Technology Limited Company founded in 2009, is located in the China Shenzhen special economic zone. We are manufacturing IBP transducers, SPO2 probes, Temperature probes, Radial Artery Compression Device Closure Band, Balloon Inflation Device, ECG Cables, other medical tube and related accessories, related extension cables and related components .We are also distributor of the TE sensor.

Our products include IBP Transducers Series and Disposable Temperature Sensor Probes Series, Reusable Temperature Sensor Probes Series, Disposable SPO2 Sensor Probes Series, Reusable SPO2 Sensor Probes Series, compatible with all major brands of monitors IBP Cables Series, Temperature Extension Cables Series, SPO2 Extension Cables Series, Radial Artery Compression Device Closure Band, ECG Cables, NIBP Cuff, Balloon Inflation Device, Medical tubing, Central Venous Catheter Kit, Disposable EEG Electrode, Y-connector, manifolds, ECG electrode, Umbilical cord clamp, Drainage catheter kit, Ureteral stent, Heparin cap, Disposable cervical ripening ballon, catheter sheath, Suction tube and etc. We can provide customers with fully customized products, also provide our standard products.

Our factory covers an area of 12000 square meters,with 5000 square meters in accordance with China GMP standard 100000 grade clean workshop and 10000 grade clean laboratory .Our company is equipped with UV oven curing, accurate test system, super stable sealing machine and other equipment to produce finished products. At present, it can manufacture more than 400,000 sets per month.Mature production technology ,good quality ,and short lead time, 100% final test ,to provide customers with ODM,OEM and customization services.

Our factory has high precision electronic horizontal injection molding machine and vertical injection molding machine, automatic packaging machine, blister packing machine and EO sterilization equipment, complete production line dedicated to sterile medical devices. Our company was rated as a national high-tech enterprise and technologically advanced 'little giant' enterprises in Guangdong Province. We also passed TUV ISO13485, CFDA and CE.

Our company adheres to the business philosophy of "people-oriented, technology development", adheres to the business policy of "customer first, quality first", focuses on the application of sensors in electronic medical devices, and is committed to providing customers with the best solutions. JCR Medical will always sincerely cooperate with domestic and foreign manufacturers as before, and look forward to working hand in hand with friends to make joint efforts for the development of the global medical industry.

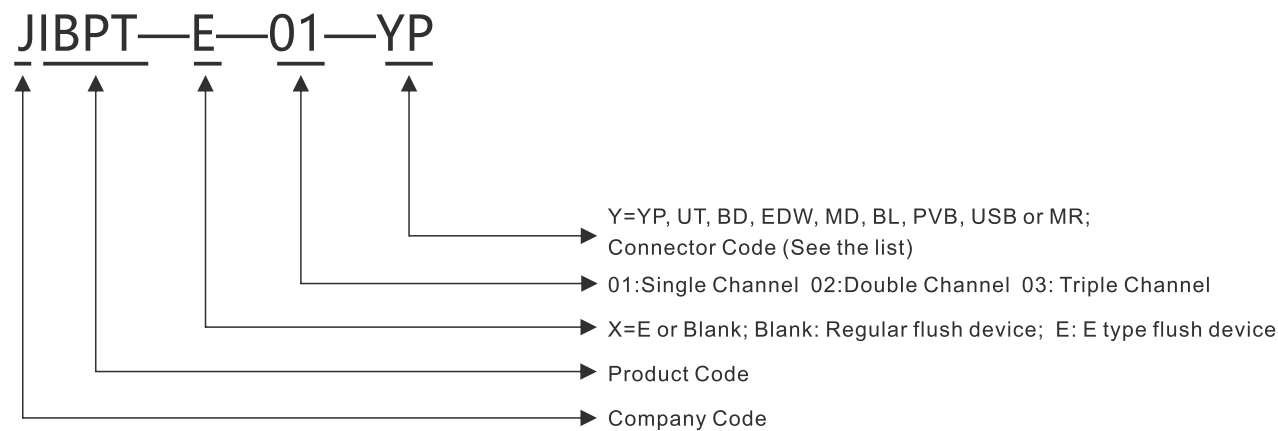
## → Contents

IBP Transducers Series.....	1
Disposable IBP Cables Series.....	4
Reusable IBP Cables Series.....	5
Disposable Temperature Sensor Probes Series.....	7
Disposable Silicone Foley Catheter series.....	8
Reusable Temperature Sensor Probes Series.....	9
Temperature Extension Cables Series.....	11
Disposable SPO2 Sensor Probes Series.....	11
Reusable SPO2 Sensor Probes Series.....	14
SPO2 Extension Cables Series.....	17
Ureteral stents.....	17
Umbilical Cord Clamp.....	17
Radial Artery Band Series.....	18
Disposable EEG Electrode.....	18
ECG Clips/ECG Suction Bulb.....	19
ECG Cables Series.....	19
NIBP Cuffs.....	20
Valve.....	21
Manifold.....	22
Angiography Syringe.....	22
Manifold Sef.....	22
Ballon Inflation Device.....	23
Chips series.....	23
Others .....	25
Certifications.....	27
Cooperation Partners.....	28



# IBP Transducers Series

## Product Model



## Product intended use

Disposable Pressure Transducer is mainly used in medical unit to monitor various pressures such as patient's arterial pressure, central venous pressure, pulmonary arterial pressure, and left coronary pressure. It is a single-use product. It can be used with various kinds of invasive blood pressure sensing devices.

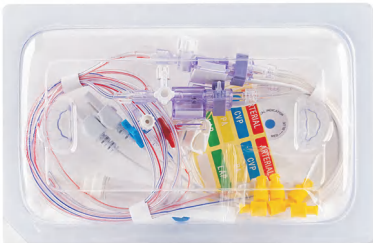
## The principle, function and structure of the product

After sterilization, one end of the Disposable Pressure Transducer is connected to patient's blood vessel or pressure cavity, the other end is connected to monitor using a reusable cable, through the microcomputer electric wheatstone bridge of the pressure chip, patient's blood pressure or other cavity pressure is converted to electrical signals when the liquid medicine flows through the sensor, and the monitor conducts signal conditioning so as to monitor the pressure in real time.

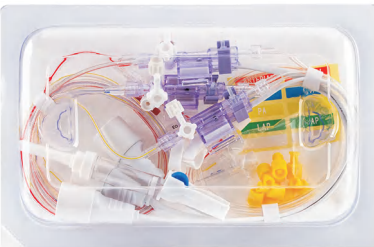
## IBP Transducer kit >>>



Single-channel IBP kit- Abbott type



Double-channel IBP kit- Utah type



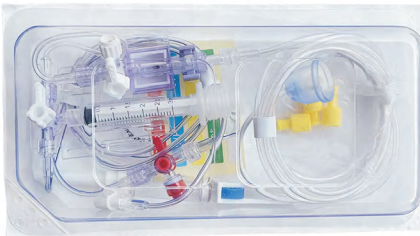
Triple-channel IBP kit- Edwards type

Remarks: 9 kinds of connectors are optional

## Main technical parameters and working environment requirements:

Barometric pressure:	70~106Kpa
Relative humidity:	10~90% (non-condensing)
Operating temperature range:	15°C - 40°C
Operating pressure range:	-50 ~ + 300 mmHg
Sensitivity:	5.0μV/V/mmHg ±3%
Nonlinearity and hysteresis:	full-scale reading±1.5%
Input impedance:	1200Ω ~3200Ω
Output impedance:	300±5%
Zero pressure offset:	-20mmHg~+20mmHg
Thermal offset shift:	≤ ±0.3mmHg/°C
Offset drift:	After warm-up for 20 seconds, drift within 2 mmHg within 8 hours
Thermal span shift:	≤ ±0.1%/°C
Frequency response:	Standard pressure set (48 "/ 12") is 40 Hz; Separate sensor > 200 Hz
Defibrillator withstand:	Defibrillation depends on the final connection of the equipment.
Risk Current(@120U AC rms,60Hz):	2 uA
Overpressure load:	-400~+4000mmHg
Shock resistance :	Withstand falling from one meter for three times
Light sensitivity:	When exposed to a 3400°K tungsten light, candle light at 3000 feet, it's less than 1 mmHg under rated voltage.
Contact with the human body:	≤168h
Storage and transport environment requirements:	- 20 ° C~ + 60 ° C, < 90%(non-condensing), no corrosive gas and indoor ventilation, and to avoid high temperature and cold.
Intra-system velocity:	2-5mL/h (Intra-system velocity refers to the velocity under 6.00 VDC and 25°C, unless there are additional instructions.)
Product shelf-life:	3 years.

## IBP Transducer kit (with Blood Sampling System) >>>



Single-channel IBP kit- Abbott type (with Blood Sampling System)



Double-channel IBP kit- Utah type (with Blood Sampling System)



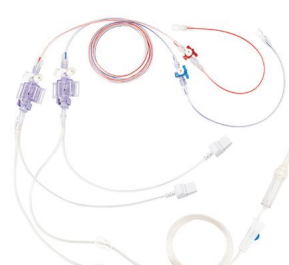
Triple-channel IBP kit- Edwards type (with Blood Sampling System)

Remarks: 9 kinds of connectors are optional

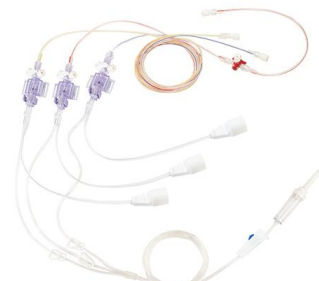
## IBP Transducer kit- Developed View >>>



Single-channel IBP  
kit- Abbott type



Double-channel IBP  
kit- Utah type



Triple-channel IBP  
kit- Edwards type

## IBP Transducer Core Part>>>



IBP Core Part- Regular  
Utah type



IBP Core Part- E  
Abbott type



IBP Core Part-A  
Edward type



IBP Core Part-K  
Abbott type



JIBPT-J-EDW-S

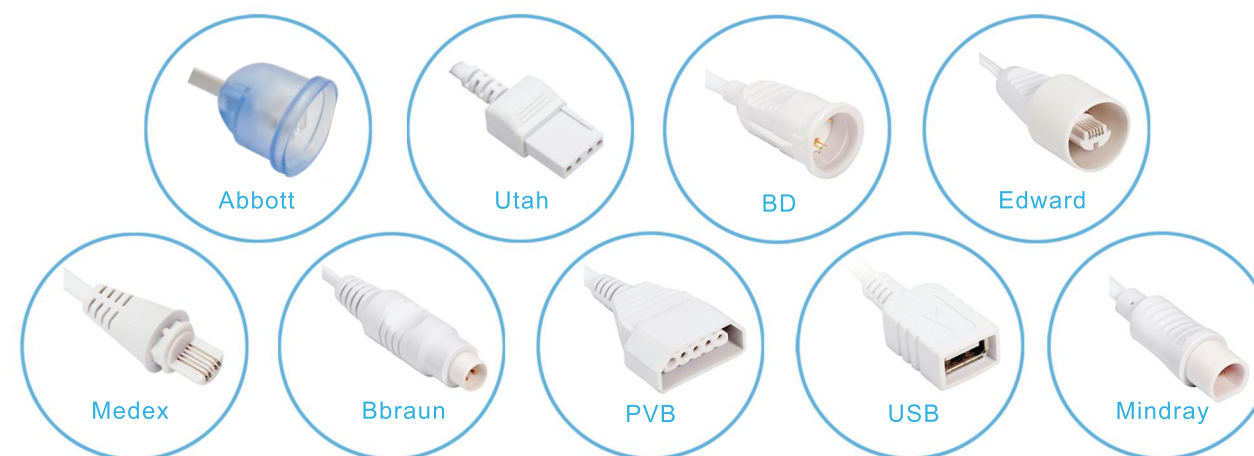


JIBPT-J-YP-S-1



JIBPT-J-EDW-S-2

Remarks: 9 kinds of connectors are optional



## Packing way >>>



Plastic Bag



Soft Paper-Tyvek Bag



Blister Box

## Disposable IBP Cables Series

9 different connectors of disposable cables are compatible with all pressure sensors of different brands on the market. Can be customized according to customer requirements of wire specifications (core wire color, cable length, outer coating color, etc.), affordable price, short delivery time. A variety of cables can be selected, including flat cables, round cables, wide flat cables, thin flat cables and other specifications, or according to customer requirements to customize different cables diameter (thickness and width).



Standard Flat Cables



Standard round cables :OD 3.5mm .  
Can customize the OD and the wire  
colors.



Wide Flat Cables: Front side as  
flat as back side, no modulus.



Thin Flat Cables



4 Lines Thin Flat Cables



9 Different Connectors



## Reusable IBP Cables Series

We can build almost all reusable IBP extension cables/adaptor cables that compatible with all common monitors. 9 different transducer connectors ,there are: Abbott type, Utah type, BD type, Edwards type, Medex type, Bbraun type, PVB type,USB type, Mindray type.

The cable of the monitor connectors mainly include: Philips 12P, Mindray 12P, GE 11P, Siemens 10P, Biolight 4P, Datex 10P, Space 10P, Nihon Kohden 14P, Comen 12P, JJ-LEAD 4P, HuaNan 5P, Stock 4P, Bard 8P, Drager 16P and etc.

We can also provide a single side test head with cable connector only connected to sensor end (the length is customized according to customer requirements). The disposable IBP Transducer is connected to the monitor through Reusable IBP Cables to complete signal connection and conversion.

(Note: The cable length can be customized according to customers' requirements.  
The standard cable length is 3.2 meters.)

### The IBP Transducer Connector >>>



Abbott connector



Utah connector



BD connector



Edwards connector



Medex connector



Bbraun connector



PVB connector



USB connector



Mindray connector

### The Monitor Connector >>>



Philips 12P



Mindray 12P



Mindray 6P



Nihon Kohden 14P



GE 11P



Biolight 4P



Siemens 10P



HuaNan 5P



JJ-LEAD 4P



Comen 12P



Bard 8P



Stock 4P



Datex 10P



Space 10P



Siemens 7P

## Disposable Temperature Sensor Probes Series

### Basic performance of product

- Measurement range: 25°C ~ 45°C.
- Maximum allowable error:  $\pm 0.1^{\circ}\text{C}$ .
- Classification according to the type of electric shock prevented: determined by the host.
- Classification according to the degree of protection against electric shock: Type BF applied part.
- Classification according to the degree of protection against liquid ingress: Common equipment.
- Classification of disinfection and sterilization methods: EO sterilization, sterile products (disposable products).
- Classification according to the operation mode: continuous operation.

### Application method

- Inspect whether the product package is damaged. Do not use it if the package is damaged.
- Check whether the product is damaged, and do not use it if it is damaged.
- Select the corresponding use method according to the model and specification. Before use, please ensure that all the listed precautions have been understood.

### Disposable temperature skin sensor probes (J-TB-A、J-TB-B series)

- The measurement position was selected according to the patient's condition, and the skin surface at this position was dried, the release paper was removed, and the patch was attached to the wiped skin surface.
- The disposable medical temperature sensor is connected to the monitoring equipment through a transfer cable, and then the body temperature monitoring is performed according to the instructions of the monitoring equipment.

### Disposable temperature sensor probes(J-TQ-A、J-TQ-B series)

- Select the measurement site according to the patient's condition, place the disposable medical temperature sensor in the measurement site in combination with the scale mark, and ensure that the placement position is accurate.
- The disposable medical temperature sensor is connected to the monitoring equipment through a transfer cable, and then the body temperature monitoring is performed according to the instructions of the monitoring equipment.

### Indications

The product is indicated for single use to collect and transmit temperature signals of patient's oral cavity, rectal cavity, or axillary skin surface, with compatible multi-parameter monitors or electronic clinical thermometers. The product is only used by experienced medical professional or under their directions.

### Operation principle, function and structure

The patient sensor of disposable temperature probe is placed into oral or rectal cavity, or under axilla, and the device connector is connected to compatible monitors or thermometers with temperature extension cord. The main principle of the product is to adopt negative temperature coefficient thermistor with stable resistance-temperature characteristics and wide measurement range, whose resistance value decreases as temperature increases.

There are 10K and 2.252K resistors available, more resistance values can be customized.

Disposable medical temperature sensor  
Registration certificate No.: Guangdong Food and Drug Administration 20212071107  
License No.: Guangdong Food and Drug Administration 20214471



Disposable child Temperature Probes OD:2.3mm



Disposable Adult Temperature Probes, OD:3.0mm



Disposable Skin Temperature Probes

## Disposable Silicone Foley Catheter series

### Basic performance of product

The performance of the catheter in this product meets the requirements of YY0325-2016;The temperature measurement range of the temperature measuring line is 25.0°C~45.0°C, and the maximum permissible error is  $\pm 0.1^{\circ}\text{C}$ .The temperature time response of the temperature measuring line, the storage influence and humidity, and the maximum energy dissipation meet the requirements of YY0785-2010. The electromagnetic compatibility of this product meets the requirements of YY0505-2012:The electrical safety of this product meets the requirements of GB9706.1-2007. The product is sterile and sterilised by ethylene oxide.

### Indications

For single use in the medical sector for indwelling urinary catheterisation and to detect bladder temperature. Semi-finished and finished products of different sizes 16Fr, 18Fr, 20Fr, 22Fr, 24Fr can be produced.



Disposable Silicone Foley Catheter



Disposable Children's Silicone Foley Catheter Half-Product



Disposable Adult's Silicone Foley Catheter Half-Product



## Reusable Temperature Sensor Probes Series

### Basic performance of product

- Measurement range: 25°C ~ 45°C.
- Maximum allowable error:  $\pm 0.1^{\circ}\text{C}$ .
- the response time should be  $\leq 120\text{ S}$ .
- classification according to the type of electric shock prevented: it is determined by the host.
- Classification according to the degree of protection against electric shock: Type BF applied part.
- Classification according to the degree of protection against liquid ingress: Common equipment.
- Classification of disinfection and sterilization methods: 70% isopropyl alcohol wiping disinfection, non-sterile and reusable products.

### Application method

- Inspect whether the product package is damaged. Do not use it if the package is damaged.
- Check whether the product is damaged, and do not use it if it is damaged.
- Select the corresponding use method according to the model and specification. Before use, please ensure that all the listed precautions have been understood.

### Reusable temperature skin sensor probes (J-C-TB series)

- The measurement position was selected according to the patient's condition, and the body surface disc was attached to the wiped skin surface.
- The repetitive temperature sensor is connected to various multifunctional monitors with temperature modules, or the corresponding socket of the electronic thermometer that can be continuously measured is effectively connected, and then the body temperature monitoring is performed according to the instructions of the monitoring equipment.

### Reusable temperature sensor probes(J-C-TQ series)

- The measurement site was selected according to the patient's condition, the repetitive temperature sensor was placed in the measurement site, and the placement position was ensured to be accurate.
- The repetitive temperature sensor is connected to various multifunctional monitors with temperature modules, or the corresponding socket of the electronic thermometer that can be continuously measured is effectively connected, and then the body temperature monitoring is performed according to the instructions of the monitoring equipment.

### Indications

The product is indicated to collect and transmit temperature signals of patient's rectal cavity, or axillary skin surface, with compatible multi-parameter monitors or electronic clinical thermometers. The product is only used by experienced medical professional or under their directions.

### Operation principle, function and structure

The patient sensor of reusable temperature probe is placed into rectal cavity or under axilla. The main principle of the product is to adopt negative temperature coefficient thermistor with stable resistance-temperature characteristics and wide measurement range, whose resistance value decreases as temperature increases.

There are 10K and 2.252K resistors available, more resistance values can be customized.

#### Reusable Temperature Sensor

Registration certificate No.:Guangdong Food and Drug Administration 20222071543

License No.: Guangdong Food and Drug Administration 20214471



Philips Adult Temperature Probes



Philips Adult Skin Temperature Probes



YSI Temperature Probes



YSI Skin Temperature Probes



Mindray Adult Skin Temperature Probes



Mindray Child Skin Temperature Probes



GE Skin Temperature Probes



GE Temperature Probes



Comen Temperature Probes



Comen Child Skin Temperature Probes



Biolight Adult Skin Temperature Probes



Biolight Temperature Probes

## Temperature Extension Cables Series

- ④ The temperature extension cable is used to connect the disposable temperature probe and monitor to complete the signal connection and conversion.
- ④ Different brands of monitors correspond to different temperature extension cables.
- ④ We have temperature extension cables suitable for all kinds of brand monitors, such as Mindray, Philips, GE, YSI, Comen etc.



Philips temperature extension cable



Mindray temperature extension cable

## Disposable SPO2 Sensor Probes Series

### Basic performance of product

- ④ Lighting tube 660 nm/905 nm/940 nm, maximum output power: 2 mw;
- ④ SPO2 test range: 70% ~ 100%; accuracy:  $\pm 3\%$  when 70% ~ 89%,  $\pm 2\%$  when 90% ~ 100%;
- ④ Pulse rate test range: 30 ~ 245 bpm; accuracy:  $\pm 3$  bpm when 30 bpm-245 bpm;
- ④ The maximum allowable temperature of the probe in contact with human body does not exceed 41°C.

### Application method

This product shall be used in combination with the required model: For the matching compatible equipment, the degree of protection against electric shock of its applied part shall be at least F-type applied part. Use 70% isopropyl alcohol for disinfection. Do not use undiluted bleaching agent (5%-5.25% sodium hypochlorite) or other unspecified detergent since they will cause permanent damage to the probe. Dip a clean dry gauze into 70% isopropyl alcohol and use it to wipe the surface of the patient sensor and cable. Wipe the surface of patient sensor and cable with a clean dry gauze.

- ④ Remove the dust liner from the probe end and find the transparent window, below the window. The best position for optics to use this product is the index finger. The sensor can also be used on the little or middle finger and other fingers or big toe if there is an inconvenience. Caution: When selecting a transducer site, it is preferable to select an extremity that does not have an arterial line, blood pressure cuff, or transfusion cannula.

- ④ Adjust the direction of this product so that the dashed line in the sensor is in the center of the fingertip Wrap the tape without the end of the cable around the fingertip. Note: Be sure to secure the cable to the back of your hand.
- ④ Fold the cable end towards the finger so that the plastic window is directly opposite, and then firmly wrap the tape around both sides of the finger.
- ④ Plug this product into the saturation tester and confirm whether it is operated correctly as described in the tester operation manual.
- ④ Note: If the sensor cannot stably track the pulse condition, it may be because it is improperly placed, or the sensor is placed too thick, too thin, or has significant pigmentation, or the color is too light due to other reasons (e.g., due to the use of externally colored products such as nail polish, stains, or tinted foundation), so that normal light cannot be transmitted. In any of these cases, reposition the sensor or use a different type of sensor on a different site.

### Intended use

The product is indicated for single use to collect and transmit signal of SPO2 and pulse rate of patient, used with compatible monitors or oximeter.

### Operation principle, function and structure

The patient sensor end of the product is attached on the patient's index finger (Thumb, middle finger or others, great toes), and the device connector is connected to compatible monitors or oximeter with SPO2 extension cord. The product adopts 660nm red light and 905nm Infrared light as incident light source, tests light intensity through tissue to obtain SPO2 value as well as pulse rate.

#### Disposable SPO2 Sensor

Registration certificate No.:Guangdong Food and Drug Administration 20222071547

License No.: Guangdong Food and Drug Administration 20214471



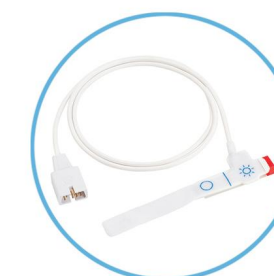
Nellcor 7P Blue Foam SPO2 sensor



Nellcor 7P,Adult SPO2 sensor



GE Ohmeda SPO2 sensor



Nellcor 7P Foam SPO2 sensor





Nellcor 7P child Fine-grained butterfly type



Nellcor 7P child Coarse-grained butterfly type



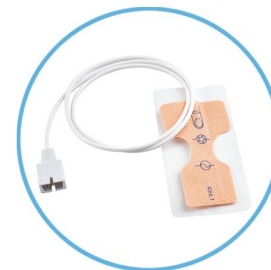
Nellcor 7P adult Fine-grained butterfly type



Nellcor 9P Coarse-grained SPO2 sensor



Nellcor 7P Adult Fine-grained type



Nellcor 7P Adult Coarse-grained butterfly type



Nihon Kohden 9P Adult SPO2 sensor



Nihon Kohden 9P Blue Foam SPO2 sensor



Nellcor 9P Blue Foam SPO2 sensor



GE Ohmeda Coarse-grained SPO2 sensor



Nellcor 9P Foam SPO2 sensor



Nellcor 9P Coarse-grained butterfly SPO2 sensor

## Reusable SPO2 Sensor Probes Series

5 different types for below each series available : Adult clip , Pediatric clip , Adult soft , Pediatric soft , Neonate wrap.

### Reusable SPO2 Sensor

Registration certificate No.: Guangdong Food and Drug Administration 20222071548

License No.: Guangdong Food and Drug Administration 20214471

### Basic performance of product

- Lighting tube 660 nm/905 nm/940 nm, maximum output power: 2 mw;
- SPO2 test range: 70% ~ 100%; accuracy:  $\pm 3\%$  when 70% ~ 89%,  $\pm 2\%$  when 90% ~ 100%;
- Pulse rate test range: 30 ~ 245 bpm; accuracy:  $\pm 3$  bpm when 30 bpm-245 bpm;

### Application method

This product shall be used in combination with the required model: For the matching compatible equipment, the degree of protection against electric shock of its applied part shall be BF type applied part.

- Place this probe over the patient's index or other finger.
- Check to ensure that the optical element is aligned with the test site and flattened.
- Arrange the cable and wrap it with a belt to prevent the probe from falling off.
- Plug this product into the saturation tester and confirm whether it is operated correctly as described in the tester operation manual.

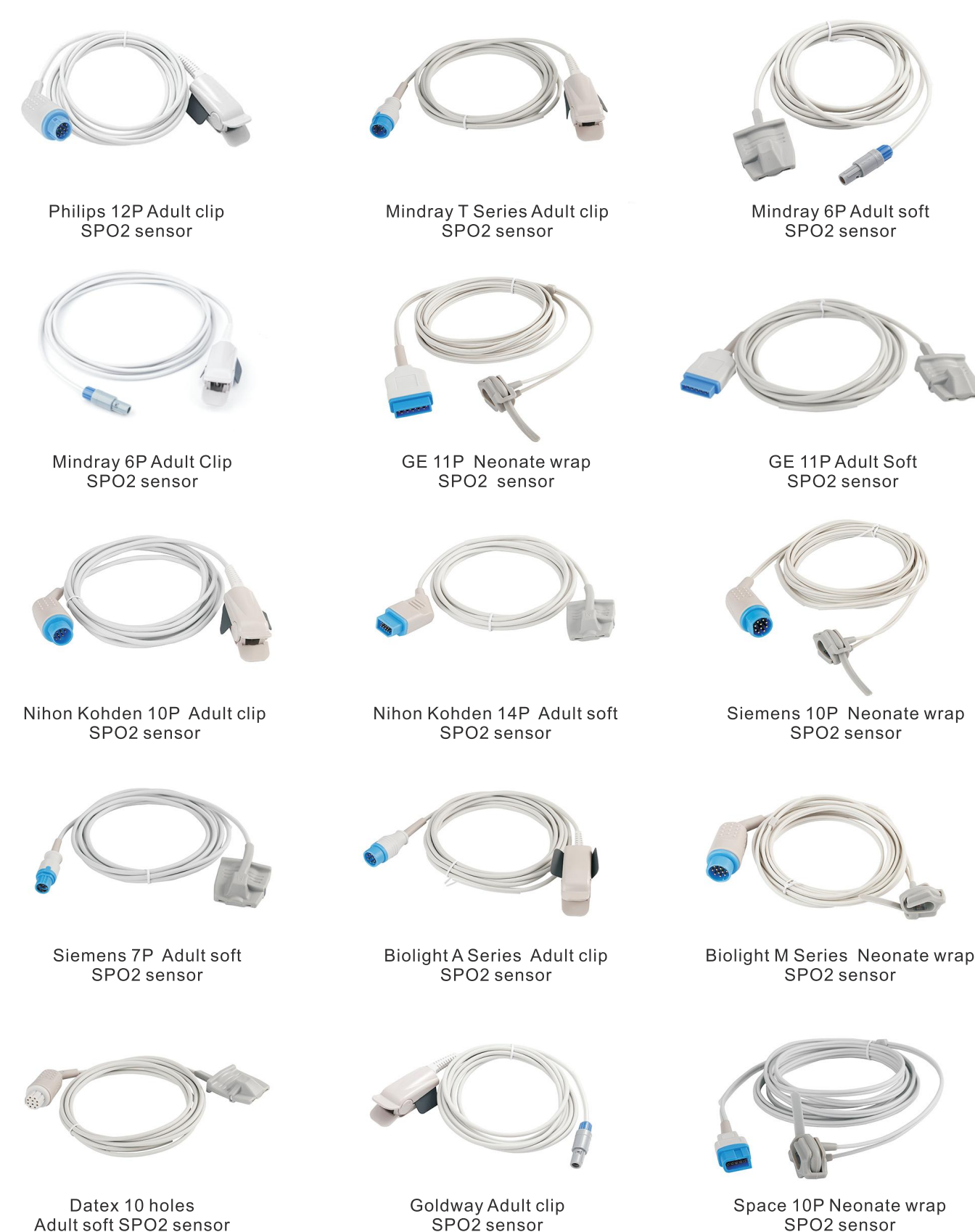
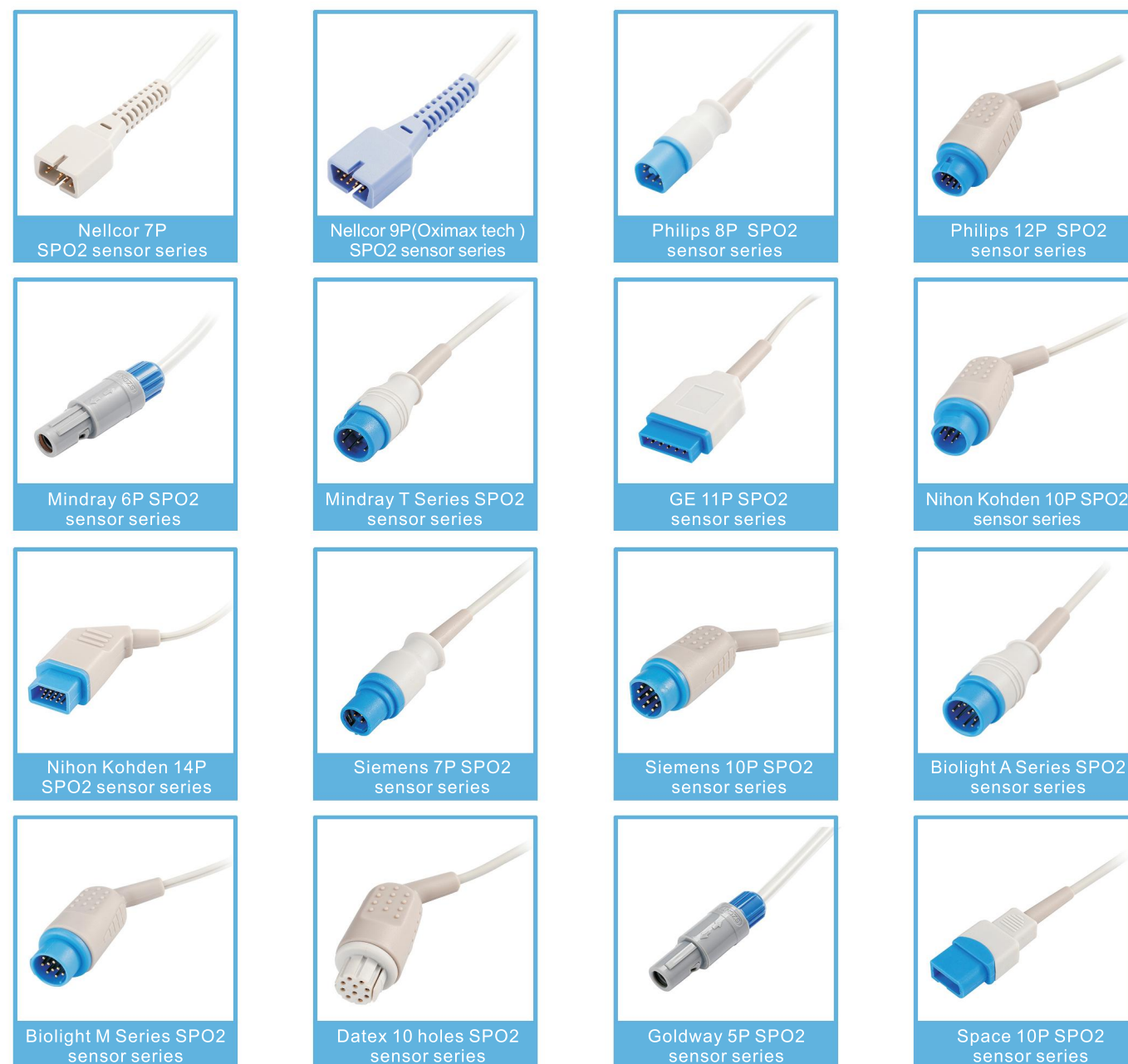
Note: If the sensor cannot stably track the pulse condition, it may be because it is improperly placed, or the sensor is placed too thick, too thin, or has significant pigmentation, or the color is too light due to other reasons (e.g., due to the use of externally colored products such as nail polish, stains, or tinted foundation), so that normal light cannot be transmitted. In any of these cases, reposition the sensor or use a different type of sensor on a different site.

### Intended use

The product is indicated for reuse to collect and transmit signal of SpO2 and pulse rate of patient, with compatible monitors or oximeters.

### Operation principle, function and structure

The patient sensor end of the product is clamped the patient's index finger with (Thumb, middle finger or others, great toes), and the device connector is connected to compatible monitors or oximeters with SPO2 extension cord. The product adopts 660nm red light and 905nm Infrared light as incident light source, tests light intensity through tissue to obtain SPO2 value as well as pulse rate.



Remarks: For more models, please consult the sales



## SPO2 Extension Cables Series

The SPO2 extension cable is used to connect the disposable SPO2 sensor and monitor to complete the signal connection and conversion.

Different brands of monitor correspond to different SPO2 extension cables.

We have SPO2 extension cables suitable for all kinds of brand monitors, such as Mindray, Philips, GE, etc.



Philips 8P SPO2 sensor extension cable



Philips 12P SPO2 sensor extension cable



Mindray T Series SPO2 sensor extension cable



Mindray 6P SPO2 sensor extension cable



Siemens 7P SPO2 sensor extension cable



Goldway 5P SPO2 sensor extension cable



Datex 10 holes SPO2 sensor extension cable

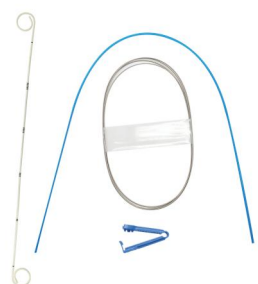


GE 11P SPO2 sensor extension cable

Remarks: For more models, please consult the sales

## Ureteral stents

Disposable sterile ureteral stent kit  
Registration certificate No.:Guangdong  
Food and Drug Administration 20222141544  
License No.: Guangdong Food and Drug  
Administration 20214471



## Umbilical cord clamp

Disposable sterile umbilical cord clamp  
Registration certificate No.:Guangdong  
Food and Drug Administration 20222181546  
License No.: Guangdong Food and Drug  
Administration 20214471



## Radial Artery Band Series

Radial Artery Compression Device Closure Band  
Registration certificate No.: Guangdong Food and Drug  
Administration 20212141250  
License No.: Guangdong Food and Drug Administration 20214471

### Applications

Mainly used for compression dressing, to eliminate the lacunae, temporary hemostasis (non-arterial hemostasis) purposes.

### Features

Ergonomic design, to ensure the normal flow of the ulnar artery, and convenient fixation position. The elastomer is soft, transparent, easy to observe, safe and comfortable; The elastic pressure belt is adjustable and easy to operate.



Rotate type



Snap Joint type



TR Band

## Disposable EEG Electrode

This product is suitable for BIS VISTA monitor and fully compatible with BIS module, like Medtronic, Philips, Mindray, Edan, Comen and Drager etc.

Disposable EEG Electrode  
Registration certificate No.:Guangdong Food and Drug Administration 20222071996  
License No.: Guangdong Food and Drug Administration 20214471



## ECG Clips/ECG Suction Bulb

Reusable ECG electrodes

Registration certificate No. : Guangdong Food and Drug Administration 20222071545

License No. : Guangdong Food and Drug Administration 20214471

### ECG Clips>>>

Multi-functional Clips, nickel plated, 4PCS/ bag, suitable for 3.0mm insertion pin, 4.0mm banana insertion and 4.0mm buckle extension connection, compatible with all recommended compatible brands of ECG at global: Nihon Kohden, Bangjian, Kemeisi, Fukuda, Suzuken, NEC. Both adult and child specifications are available.



SZJ-01 Adult ECG Clips



SZJ-02 Child ECG Clips

### ECG Suction Bulb >>>



## ECG Cables Series

ECG cable  
Filing No.: Guangdong and Shenzhen  
Food and Drug Administration 20221460

- ③ 3LD, 5LD, AHA, IEC, Clip, Snap
- ③ 5LD: AHA ( white, green, brown, red, black), IEC (red, black, white, green, yellow)
- ③ 3LD: AHA ( white, red, black), IEC (red, green, yellow)
- ③ Each brand can do 5LD or 3 LD, 5 LD more than two buckle can measure breath.
- ③ Compatible monitors: Mindray MEC1000, MEC2000, PM7000, PM8000, PM9000, Bangjian, Edan, Goldway, Guoteng, Hexin Zhongdian, Genareal, Osen, Comen, Biolight, etc.



6P 5LD Snap AHA ECG cable



6P 3LD Snap AHA ECG cable



6P 5LD Clip IEC ECG cable



6P 3LD Clip IEC ECG cable



GE 11P 5LD Snap ECG cable



Philips 12P 5LD Snap ECG cable



Mindray 12P 5LD Clip ECG cable



Nihon Kohden 12P 5LD Clip ECG cable

## NIBP CUFF Series

### Reusable NIBP Cuffs>>>

Blood pressure cuff  
Filing No.: Guangdong and Shenzhen  
Food and Drug Administration 20210310

### Features

- ③ Non Invasive Blood Pressure cuffs for patient monitors
- ③ Reusable for multiple patient use
- ③ PU, nylon material with TPU , nylon are available ,comfortable to touch and easy to clean
- ③ Fitting different brands of monitoring systems with variety of connectors equipped
- ③ If order large quantity we can OEM LOGO and print for free.



Brown PU leather NIBP cuff



Blue PU leather NIBP cuff



Black composite nylon material with TPU NIBP cuff



Green gentle nylon NIBP cuff



## Disposable NIBP Cuffs>>>

### Features

- ⦿ Non Invasive Blood Pressure cuffs for patient monitors
- ⦿ Disposable/single patient use.
- ⦿ Non-woven and TPU material for maximum patient comfort
- ⦿ Fitting different brands of monitoring systems with variety of connectors equipped
- ⦿ If order large quantity we can OEM LOGO and print for free.



Disposable Non-woven NIBP Cuff



Disposable TPU NIBP Cuff , Neonate Series

## Valve



Hemostasis Valve Kit



Screw Hemostasis Valve



Push Pull Hemostasis Valve



Spring-type Hemostasis Valve



T-type Hemostasis Valve

### Introduction

Used for connecting guide tube in clinical operation and assisting in PTCA.

### Product Features

- ⦿ Helical type: pressure-resistant and seal-fit operation. More convenient, tight safety, flexible valves.
- ⦿ Snap type: Can be operated by one hand, with pressure tight sealing valve for rapid hemostasis, simple, flexible and safe operation, side wall with extension tube, more convenient operation.
- ⦿ Spring type: Can be operated by one hand, and the three-step valve is also non-bleeding during the two-step operation, with little obstruction; the automatic closing mechanism makes it automatically jump from the semi-closed state to the closed state while injecting contrast agent into the collateral tube.

## Manifold

### Introduction

Used for multi-channel infusion in various surgeries.

### Product Features

Smooth rotation, rotation, convenient multi-channel infusion.



H0334



J2L2T-01



J3L3T-02

## Angiography Syringe

### Introduction

Used for precisely controlling the injection volume of push contrast agent in interventional operation.

### Product Features

Accurately control the injection dose, is easy to operate, and is easy to use.



Angiography Syringe



Angiography Syringe  
(Light purple)

## Manifold Set

### Introduction

- ⦿ Manifolds with pre-installed extension lines and infusion device, help saving time.
- ⦿ Luer lock design for secure connection
- ⦿ Latex free



Manifold Set

# Balloon Inflation Device

## Balloon Inflation Device >>>

### Application

For the purpose of dilating blood vessels or indwelling stents by pressurizing the balloon dilator catheter during PTCA surgery.

### Feature

The maximum output pressure is 30ATM, the maximum capacity is 20ml for medical staff to use; Effective ergonomic design easy to operate, pressing type can be operated with one hand;The safety locking device can control the pressure and release the pressure quickly.The advance speed is even and the press is accurate.



JYLB-01

## Chips Series

### Pressure sensor chip >>>

#### product description

The 1620 is a fully piezo resistive silicon pressure sensor for use in invasive blood pressure monitoring. The sensor is designed to be used with automated assembly equipment and can be dropped directly into a customer's disposable blood pressure housing. The sensor is designed to meet the requirements as described in AAMI BP22 specification .

**Balloon Inflation Device**  
**Registration certificate No.: Guangdong Food and Drug Administration 20242030266**  
**License No.: Guangdong Food and Drug Administration 20214471**

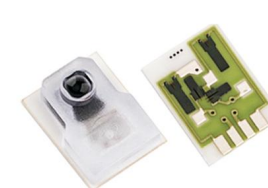
The pressure sensor consists of a pressure sensing element mounted on a ceramic substrate. Thick film resistors on the ceramic substrate are laser trimmed for compensation and calibration. A plastic cap is attached to the ceramic substrate to provide an easy method of attachment to the customer's assembly and protection for the sensing element. A dielectric gel is placed over the sensor to provide electrical and fluid isolation.

#### FEATURES

- Low Cost, Medical Applications
- Small Size and Reliable Performance
- Gel Isolation for Liquids
- Operates from 5°C to 45°C
- Compatible for Automated Assembly
- 1% Accuracy for Replacements
- 5.0 uV/V/mmHg Sensitivity
- OEM custom

#### APPLICATIONS

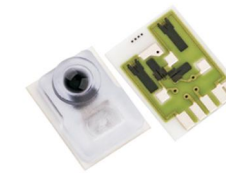
- Invasive Blood Pressure Monitoring
- Anesthesia department
- Interventional department
- Intensive Care Units
- intracranial pressure
- Kidney Dialysis Machines
- Urodynamic test
- Intrauterine pressure measuring



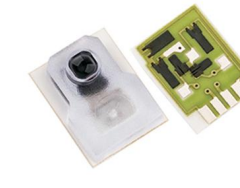
1620-H-N-T



1620-H-W-T



1620-J-W-T



1620-K-N-T

### SPO2 sensor chip >>>

660/905nm,660/940nm,2 or 3 Pin available



SPO2 sensor chip

### Disposable Temperature Resistor >>>

2.252K Resistor : 1.35mm; Skin Resistor : Tube type or Button type available

10K Resistor : 1.35mm; Skin Resistor : Tube type or Button type available



Button type resistor



Tube type resistor



Rectal resistor

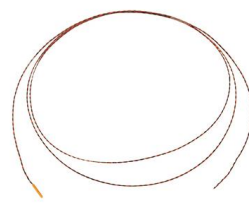


## Catheter Resistor >>>

2.252K 0.76mm & 1.35mm  
10K 0.48mm  
(Above is the maximum diameter  
of resistance)



Disposable Adult catheter  
temperature resistor



Disposable Infant catheter  
temperature resistor

## Reusable Temperature Resistor >>>

2.252K and 10K available



2.252K reusable temperature resistor



10K reusable temperature resistor

## Others

### IBP holder and clamp >>>



Non-movable IBP Holder



Movable IBP Holder



IBP Clamp



IBP Clamp

## Pressure Extension Tube Series >>>

### Types of production

1.2m long tube, 0.3m short tube, the length and color can also be customized  
according to customer requirements.



Blue short tube



Blue long tube

## Nasal oxygen cannula >>>



## Co2 Sampling Tube >>>



## Water Trap >>>



First generation compatible dryline  
water trap for mindray



Second generation compatible  
dryline water trap for mindray

## Coelom Tube >>>



coelom Tube

# Certifications



# Cooperation Partners

