

## Shenzhen JCR Medical Technology Limited Company

Customer First  
Quality First



### Shenzhen JCR Medical Technology Limited Company

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## Temperature Probe Sesires Brochure



Customer First, Quality First



## Catalog

Disposable Temperature Probe

Reusable Temperature Probe

Disposable Temperature Resistor

Temperature Extension Cable



## 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, Tourniquets, Disposable Pressure Pump, 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, Tourniquet, ECG Cables, NIBP Cuff, Pressure Pump, Medical tubing, Central Venous Catheter Kit Disposable Brain 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.

## Disposable Temperature Probe Series

### Specifications

- ④ Temperature measurement range: 25°C~45°C □
- ④ Maximum tolerance :  $\pm 0.1^{\circ}\text{C}$  □
- ④ Classification according to the type of electric shock prevented: determined by the host.
- ④ Classification according to the degree of protection against electric shock: Type BF applied part
- ④ Classification according to the degree of protection against liquid ingress: Common equipment.
- ④ Classification of disinfection and sterilization methods: EO sterilization, sterile products (disposable products).
- ④ Classification according to the operation mode: Continuous operation,

### Instructions

- ④ Inspect whether the product package is damaged. Do not use it if the package is damaged. Check whether
- ④ the product is damaged, and do not use it if it is damaged. Select the corresponding use method
- ④ according to the model and specification. Before use, please ensure that all the listed precautions have been understood.

#### Disposable temperatree skin sensor probes (J-TB-A, J-TB-B series)

- ④ Selecting a right position, keeping the skin-surface drying and removing the paper, then pasting on the dried skin surface.
- ④ Connect the disposable medical temperature sensor to the monitoring device through an adapter cable, then operation according to monitoring device's instructions.

#### Disposable temperatree sensor probes (J-TQ-A, J-TQ-B series)

- ④ Selecting a right position according to the scale marking, Put the medical probe on measuring site based on right place □
- ④ Connect the disposable medical temperature sensor to the monitoring device through an adapter cable, then operation according to monitoring device's instructions.

### 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

#### Part of the disposable temperature probe display



Disposable child Temperature Probes OD:2.3mm



Disposable Adult Temperature Probes ,OD:3.0mm



Disposable Adult Temperature Probes ,OD:4.0mm



Disposable Skin Temperature Probes



Disposable skin temperature probe ,tube type



Disposable skin temperature probe ,button type



Disposable Infant Catheter Temperature Probes ,TE chip



Disposable Adult Catheter Temperature Probes ,TE chip



Disposable Adult Catheter Temperature Probes ,AFN chip

## Reusable Temperature Sensor Probes Series

### Specifications

- ① Measurement range: 25℃ ~ 45℃ .
- ② Maximum allowable error:  $\pm 0.1^{\circ}\text{C}$  .
- ③ the response time should be  $\leq 120\text{ S}$ .
- ④ classification according to the type of electric shock prevented: it is determined by the host.
- ⑤ Classification according to the degree of protection against electric shock: Type BF applied part.
- ⑥ Classification according to the degree of protection against liquid ingress: Common equipment.
- ⑦ Classification of disinfection and sterilization methods: 70% isopropyl alcohol wiping disinfection, non-sterile and reusable products.

### Instructions

- ① Inspect whether the product package is damaged. Do not use it if the package is damaged.
- ② Check whether the product is damaged, and do not use it if it is damaged.
- ③ Select the corresponding use method according to the model and specification. Before use, please ensure that all the listed precautions have been understood.

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

- ① Selecting a right postion ,keeping the skin-surface drying and put the medical probe on the dried skin surface.
- ② Connect the medical temperature sensor to the monitoring device through an adapter cable,then operation according to monitoring device`s instructions.

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

- ① Selecting a right postion according to the scale marking, Put the medical probe on measuring site based on right place
- ② Connect the disposable medical temperature sensor to the monitoring device through an adapter cable,then operation according to monitoring device`s instructions.

### Idications

The product is indicated to collect and transmit temperature signals of patient's rectal cavity, or axillary skinsurface, with compatible multi-parameter monitors or electronic clinical thermometers. The product is onlyused 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 mainprinciple 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.

### Part of the repetitive temperature probe display



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

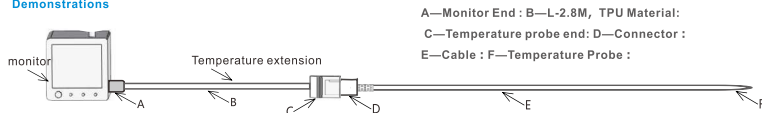
## Temperature Extension Cables Series

Connect monitor	philips	Mindray	YSI	GE 11+	Drager
Connect probes					
	J52T0030	J69T0030	J3CT0030	J37T0010	J29T0010
	J00337	J00339	J00341	J00047	J00343
	J00338	J00340	J00342	J00046	J00344

### Demonstrations



### Demonstrations



### Demonstrations



Philips Temperature Extension Cable  
飞利浦体温转接线



Mindray Temperature Extension Cable  
迈瑞体温转接线

## 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

[illegible]