



Guangdong Baihe Medical Technology Co., Ltd.
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广东百合医疗科技股份有限公司
地址：广东省佛山市南海区桃园东路89号
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Technical Data of Pressure Transducer



Pressure Transducer, produced by Guangdong Baihe Medical Technology Co., Ltd. conforms to EC Directive 93/42/EEC Annex II, Article 18.

Technical Data, are as below:

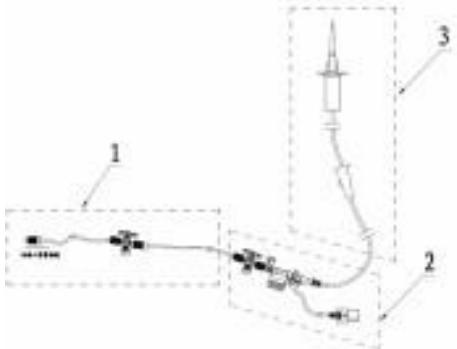
Features:

1. Strengths:
 - Sensitive chip, accurate data transfer.
 - Match all kinds of cables
2. Description:
 - Disposable Pressure Transducer and its accessories are consisted of medical grade high polymer material and possess advanced biological compatibility, its unique structure and configuration guarantee the product's safety and reliability.
3. Application
 - Central venous pressure and other various physiological pressure monitoring.
 - Blood sampling
 - Neonatus pressure monitoring
4. Safety in use
 - Closed system design reduces the risk of infection of operators.
 - Accurate substantial design helps to avoid risk of leaking
 - Defibrillator pulse protection
5. Convenient Operation
 - Simple operation and accurate flow rate control
 - Various Connectors for choice, can be used with different monitors.
 - Micro constant flow (2~5cc/25~35cc per hour) helps to guarantee the continuous flowing.
 - Support for placing and fixing arterial and venous pressure sensor.



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Structure Composition:

1. Pressure Extension with Stopcock
2. Pressure Transducer
3. Pressure Infusion set

Electric Properties:

1. Transducer incentive voltage: 1~6V; min 4,0 kV
2. Incentive voltage rate: 5 KHz;
3. Transducer input impedance: $300\ \Omega \sim 400\ \Omega$;
4. Transducer output impedance: $250\ \Omega \sim 350\ \Omega$;

Physical Properties:

1. Under the normal temperature and 200Kpa water pressure, sustain for 15 seconds without the overflowing phenomenon;
2. The connect power of components $\geq 15\text{N}$.

Work Environment:

1. The range of environment temperature: $15^{\circ}\text{C} \sim 40^{\circ}\text{C}$
2. The range of relative humidity: 10%~90%
3. The range of input pressure: -50mmHg~300mmHg
4. Sensitivity: $5 (+/- 0.05)\ \text{uv/v/mmHg}$

Material List:

Part	Main Material
Cable	/
Stopcock	PC
Washing Silicone part	Silicone
Sensor	/
Transducer Base	PC
Transducer Cover	ABS
Infusion Set	PVC
Extension tube	PU
On-off switch	ABS



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Specifications:

Product Code	Description
020-FT-A001	1 lumen with Utah connector
021-FT-A001	1 lumen with Abbott connector
022-FT-A001	1 lumen with BD connector
023-FT-A001	1 lumen with Edwards connector
024-FT-A001	1 lumen with Medex connector
025-FT-A001	1 lumen with BBraun connector
031-FT-A001	1 lumen with PVB connector
220-FT-A001	2 lumen with Utah connector
221-FT-A001	2 lumen with Abbott connector
222-FT-A001	2 lumen with BD connector
223-FT-A001	2 lumen with Edwards connector
224-FT-A001	2 lumen with Medex connector
225-FT-A001	2 lumen with BBraun connector
231-FT-A001	2 lumen with PVB connector
320-FT-A001	3 lumen with Utah connector
321-FT-A001	3 lumen with Abbott connector
322-FT-A001	3 lumen with BD connector
323-FT-A001	3 lumen with Edwards connector
324-FT-A001	3 lumen with Medex connector
325-FT-A001	3 lumen with BBraun connector
331-FT-A001	3 lumen with PVB connector

Packaging

For single lumen:

	Number of pieces	Dimensions	G.W.	N.W.
Box	15	38×24×19.5CM	1.3kgs	1.0kgs
Mid carton	60	51×42×41CM	8.5kgs	7.5kgs
Shipping Carton	120	54×85×45CM	18.5kgs	16kgs

For double and triple lumen:

	Number of pieces	Dimensions	G.W.	N.W.
Box	10	38×24×19.5CM	1kgs	0.8kgs
Mid carton	40	51×42×41CM	6kgs	5kgs
Shipping Carton	80	54×85×45CM	12kgs	10kgs

Sterilization



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With ethylene oxide to a Sterility Assurance Level of at least 10^{-6}

Storage

Shelf life of 2 years.

- The lot number and expiry date are printed on the label put on the blister pack.
- Do not store at extreme temperature and humidity.

Precautions of use

Do not use if sterile packaging is damaged or opened.

For single use only.

Dispose of safely after single use to avoid risk of infection.

Quality tests:

Structural tests, Biological tests, Chemical tests.

Guangdong Baihe Medical Technology Co.,Ltd Signed by: ~~Bowie~~

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Position: Sales Manager

