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Anesthesia breathing

PINMED
— quality is everything —

COMPANY PROFILE

公司简介

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.

Approved

GMP STANDARD WORKSHOPS

GMP标准车间

Precision mold manufacturing to ensure the high quality products

精密模具制造确保高品质产品

Anesthesia breathing circuit series

麻醉呼吸回路管系列

本产品与麻醉机或呼吸机配套使用，作为麻醉气体、氧气等医用气体进入病人体内的通道。由无毒、无味医用级PP和PE制成。产品具有弹性好、柔韧透明、气密性好等特点，能保障机械通气过程畅通。

Disposable anesthesia breathing circuit match use with anesthesia machine or breathing machine, as a use of piping anesthetic gases, oxygen and other medical gases into patient. This product is made by non-toxic and smell-less material PP and PE, with the characteristics of good elasticity, flexibility and pressure tightness.

Disposable anesthesia circuit-expandable
麻醉回路-可伸缩型

编号PN	型号/规格SPECIFICATION
PM070580010	成人1.0米 Adult 1.0m
PM070580012	成人1.2米 Adult 1.2m
PM070580015	成人1.5米 Adult 1.5m
PM070580016	成人1.6米 Adult 1.6m
PM070580018	成人1.8米 Adult 1.8m
PM070580001	儿童1.0米 Pediatric 1.0m
PM070580002	儿童1.2米 Pediatric 1.2m
PM070580003	儿童1.5米 Pediatric 1.5m
PM070580004	儿童1.6米 Pediatric 1.6m
PM070580005	儿童1.8米 Pediatric 1.8m

Disposable anesthesia circuit-normal
麻醉回路-普通型

编号PN	型号/规格SPECIFICATION
PM070600001	成人1.0米 Adult 1.0m
PM070600002	成人1.2米 Adult 1.2m
PM070600003	成人1.5米 Adult 1.5m
PM070600004	成人1.6米 Adult 1.6m
PM070600005	成人1.8米 Adult 1.8m
PM070600010	儿童1.0米 Pediatric 1.0m
PM070600012	儿童1.2米 Pediatric 1.2m
PM070600015	儿童1.5米 Pediatric 1.5m
PM070600016	儿童1.6米 Pediatric 1.6m
PM070600018	儿童1.8米 Pediatric 1.8m

Breathing circuit-duo limbo
中分管

编号PN	型号/规格SPECIFICATION
PM070630015	成人1.5米 Adult 1.5m
PM070630016	成人1.6米 Adult 1.6m
PM070630018	成人1.8米 Adult 1.8m
PM070630024	成人2.4米 Adult 2.4m

Breathing circuit -coaxial
同轴管

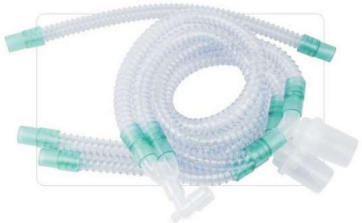
编号PN	型号/规格SPECIFICATION
PM070370015	成人1.5米 Adult 1.5m
PM070370016	成人1.6米 Adult 1.6m
PM070370018	成人1.8米 Adult 1.8m
PM070370021	成人2.1米 Adult 2.1m
PM070370024	成人2.1米 Adult 2.4m

Disposable anesthesia circuit-reinforced PVC
麻醉回路-加强型

编号PN	型号/规格SPECIFICATION
PM070610001	成人1.5米 Adult 1.5m
PM070610002	成人1.6米 Adult 1.6m
PM070610003	成人1.8米 Adult 1.8m
PM070610004	儿童1.5米 Pediatric 1.5m
PM070610005	儿童1.6米 Pediatric 1.6m
PM070610006	儿童1.8米 Pediatric 1.8m

Disposable anesthesia breathing circuit-normal
呼吸回路-普通型

编号P/N	型号/规格SPECIFICATION
PM070690001	成人1.8米，Y型接头（双孔），双集水杯 Adult 1.8m,Y connector (2 holes),2 watertrap
PM070690002	成人1.8米，Y型接头（无孔），双集水杯 Adult 1.8m,Y connector (no holes),2 watertrap
PM070690003	成人1.8米，Y型接头（双孔），单集水杯 Adult 1.8m,Y connector (2 holes),1 watertrap
PM070690004	成人1.8米，Y型接头（无孔），单集水杯 Adult 1.8m,Y connector (no holes),1 watertrap
PM070690005	儿童1.8米，Y型接头（双孔），双集水杯 Pediatric 1.8m,Y connector (2 holes),2 watertrap
PM070690006	儿童1.8米，Y型接头（无孔），双集水杯 Pediatric 1.8m,Y connector (no holes),2 watertrap
PM070690007	儿童1.8米，Y型接头（双孔），单集水杯 Pediatric 1.8m,Y connector (2 holes),1 watertrap
PM070690008	儿童1.8米，Y型接头（无孔），单集水杯 Pediatric 1.8m,Y connector (no holes),1 watertrap



Disposable anesthesia breathing circuit-reinforced PVC
呼吸回路-加强型

编号P/N	型号/规格SPECIFICATION
PM070620001	成人1.8米，Y型接头（双孔），双集水杯 Adult 1.8m,Y connector (2 holes),2 watertrap
PM070620002	成人1.8米，Y型接头（无孔），双集水杯 Adult 1.8m,Y connector (no holes),2 watertrap
PM070620003	成人1.5米，Y型接头（双孔），单集水杯 Adult 1.5m,Y connector (2 holes),1 watertrap
PM070620004	成人1.5米，Y型接头（无孔），单集水杯 Adult 1.5m,Y connector (no holes),1 watertrap
PM070620005	儿童1.8米，Y型接头（双孔），双集水杯 Pediatric 1.8m,Y connector (2 holes),2 watertrap
PM070620006	儿童1.8米，Y型接头（无孔），双集水杯 Pediatric 1.8m,Y connector (no holes),2 watertrap
PM070620007	儿童1.5米，Y型接头（双孔），单集水杯 Pediatric1.5m,Y connector (2 holes),1 watertrap
PM070620008	儿童1.5米，Y型接头（无孔），单集水杯 Pediatric 1.5m,Y connector (no holes),1 watertrap

Disposable anesthesia breathing circuit-with sampling tube
呼吸回路带测压管

编号P/N	型号/规格SPECIFICATION
PM070760001	成人1.8米，双集水杯 Adult 1.8m,2 watertrap
PM070760002	成人1.8米，单集水杯 Adult 1.8m,2 watertrap
PM070760003	儿童1.8米，双集水杯 Pediatric 1.8m,1 watertrap
PM070760004	儿童1.8米，单集水杯 Pediatric 1.8m,1 watertrap

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Disposable anesthesia circuit-hyperbaric oxygen
高压氧舱回路

编号P/N	型号/规格SPECIFICATION
PM070770001	成人1.5m Adult 1.5m
PM070770002	成人1.8m Adult 1.8m

Disposable anesthesia circuit roll
麻醉回路卷装

编号P/N	型号/规格SPECIFICATION
PM070780001	成人Φ22mm, 每节长15cm Adult, every section 15cm
PM070780002	成人Φ22mm, 每节长20cm Adult, every section 20cm
PM070780003	儿童Φ15mm, 每节长15cm Pediatric, every section 15cm
PM070780004	儿童Φ15mm, 每节长20cm Pediatric, every section 20cm

Every section's length is 15cm or 20cm ,total length could be as request
卷装管每节长度15cm或20cm 总长度可依客户要求制定

Catheter mount
麻醉延长管

编号P/N	型号/规格SPECIFICATION
PM070640001	普通长20cm Normal Length 20cm
PM070660001	加强型长20cm Reinforced length 20cm
PM070650001	可伸缩长20cm Expadable lengh 20cm

Disposable anesthesia circuit-set
麻醉呼吸回路-套装

编号P/N	型号/规格SPECIFICATION
PM070750001	成人1.5米可伸缩回路，带面罩、呼吸气囊、吸湿冷凝加湿器（人工鼻） Adult 1.5m expandable circuit with mask、breathing bag、HMEF
PM070750002	儿童1.5米可伸缩回路，带面罩、呼吸气囊、吸湿冷凝加湿器（人工鼻） Pediatric 1.5m expandable circuit with mask、breathing bag、HMEF

一次性使用
吸湿冷凝加湿器
Heat and Moisture Exchanger

产品简介

一次性使用吸湿冷凝加湿器，商品名：人工鼻。是用来湿化、温暖和过滤从呼吸机等仪器出来并输及病人呼吸的气体，为一次性使用，临床用于重症及麻醉病人机械呼吸气体的湿化和过滤。本产品是以医用塑料制成的，采用标准接口，可以与面罩，管路等相关耗材连接使用，产品主要由螺纹管或延长管、外壳、加湿材料、过滤材料、病人接口及机器接口组成。本产品在一定程度上可模拟人体解剖湿化系统，使病人呼气中含量的热气、水蒸气回到吸气中去，可过滤细菌，有效防止回路中的细菌滞留，减少了人工呼吸机相关性肺炎的发生。由于它可减少气管内吸引及加温、加湿器的水分补充和更换回路的次数，从而减少回路中途连接的机会，防止事故发生。

Product Introduction

Heat and Moisture Exchanger, it's scientific name is artificial nose which is used for humidifying, heating, filtering the gas from breathing machine into the patients' breathing system. It can be used for anaesthesia patient and ICU operation. The product is made of medical plastic and with standard connector, can be used together with mask , breathing circuits. It is made of corrugated tube or expanded tube, case, humidification material, filtration material, patient connector and machine connector. The product can imitate human Anatomy humifying system in a certain degree, can bring the hot chlorine and steam from patient back to suction system, this can filtrate the bacteria and avoid the filter stop in the breathing circuit to decrease the occurrence of pneumonia.

PM070410011

推荐潮气量 Recommended tidal volum(ml)	75-1500
湿化效果 Moisture loss*(mg H20/l air)	4.0(@ Vt 500ml)
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	/
病毒过滤率 Viral filtration efficiency*(%)	/

人工鼻 HME

推荐潮气量 Recommended tidal volum(ml)	150-1500
湿化效果 Moisture loss*(mg H20/l air)	4.2(@ Vt 500ml)
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	/
病毒过滤率 Viral filtration efficiency*(%)	/

PM070410004

推荐潮气量 Recommended tidal volum(ml)	150-1500
湿化效果 Moisture loss*(mg H20/l air)	4.2(@ Vt 500ml)
阻 力 Resistance(pa)	20 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	/
病毒过滤率 Viral filtration efficiency*(%)	/

PM070400005

气切式人工鼻 Tracheal HME

推荐潮气量 Recommended tidal volum(ml)	>75
湿化效果 Moisture loss*(mg H20/l air)	9.0(@ Vt 500ml)
阻 力 Resistance(pa)	20 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	/
病毒过滤率 Viral filtration efficiency*(%)	/

PM070410015

推荐潮气量 Recommended tidal volum(ml)	>75
湿化效果 Moisture loss*(mg H20/l air)	9.2(@ Vt 500ml)
阻 力 Resistance(pa)	50 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	/
病毒过滤率 Viral filtration efficiency*(%)	/

PM070410014

推荐潮气量 Recommended tidal volum(ml)	>75
湿化效果 Moisture loss*(mg H20/l air)	9.0(@ Vt 500ml)
阻 力 Resistance(pa)	20 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	/
病毒过滤率 Viral filtration efficiency*(%)	/

PM070410013

推荐潮气量 Recommended tidal volum(ml)	>75
湿化效果 Moisture loss*(mg H20/l air)	9.0(@ Vt 500ml)
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	/
病毒过滤率 Viral filtration efficiency*(%)	/

PM070410016

复合式人工鼻 HME Filter

推荐潮气量 Recommended tidal volum(ml)	150-1500
湿化效果 Moisture loss*(mg H20/l air)	5.2(@ Vt 500ml)
阻 力 Resistance(pa)	80 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.999
病毒过滤率 Viral filtration efficiency*(%)	99.999

PM070410018

推荐潮气量 Recommended tidal volum(ml)	150-1500
湿化效果 Moisture loss*(mg H20/l air)	6.4(@ Vt 500ml)
阻 力 Resistance(pa)	50 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.999
病毒过滤率 Viral filtration efficiency*(%)	99.999

PM070410007

推荐潮气量 Recommended tidal volum(ml)	150-1500
湿化效果 Moisture loss*(mg H20/l air)	6.9(@ Vt 500ml)
阻 力 Resistance(pa)	50 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.999
病毒过滤率 Viral filtration efficiency*(%)	99.999

PM070410002

推荐潮气量 Recommended tidal volum(ml)	150-1500
湿化效果 Moisture loss*(mg H20/l air)	6.9(@ Vt 500ml)
阻 力 Resistance(pa)	50 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.999
病毒过滤率 Viral filtration efficiency*(%)	99.999

PM070410009

复合式过滤器 HME Filter

PM070410001

推荐潮气量
Recommended tidal volum(ml)
150-1500

湿化效果
Moisture loss*(mg H20/l air)
6.4(@ Vt 500ml)

阻 力
Resistance(pa)
80 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070410010

推荐潮气量
Recommended tidal volum(ml)
75-500

湿化效果
Moisture loss*(mg H20/l air)
5.7(@ Vt 500ml)

阻 力
Resistance(pa)
50 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070410003

推荐潮气量
Recommended tidal volum(ml)
150-1500

湿化效果
Moisture loss*(mg H20/l air)
6.9(@ Vt 500ml)

阻 力
Resistance(pa)
50 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070410005

推荐潮气量
Recommended tidal volum(ml)
150-1500

湿化效果
Moisture loss*(mg H20/l air)
6.9(@ Vt 500ml)

阻 力
Resistance(pa)
50 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070410006

推荐潮气量
Recommended tidal volum(ml)
150-1500

湿化效果
Moisture loss*(mg H20/l air)
6.9(@ Vt 500ml)

阻 力
Resistance(pa)
50 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070410008

推荐潮气量
Recommended tidal volum(ml)
150-1500

湿化效果
Moisture loss*(mg H20/l air)
6.4(@ Vt 500ml)

阻 力
Resistance(pa)
85 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070410012

推荐潮气量
Recommended tidal volum(ml)
200

湿度返还
Moisture return
32mg H_2O/L

阻力
Resistance to flow at
30L/min 1.6cm H_2O

细菌过滤器
Bacterial filtration efficiency
*(%) 99.999

病毒过滤器
Viral filtration efficiency*(%)
99.999

PM070410017

推荐潮气量
Recommended tidal volum(ml)
200

湿度返还
Moisture return
31.6mg H_2O/L

阻力
Resistance to flow at
30L/min 0.8cm H_2O

细菌过滤器
Bacterial filtration efficiency
*(%) 99.999

病毒过滤器
Viral filtration efficiency*(%)
99.999

一次性使用呼吸过滤器
Breathing System Filter

产品简介

一次性使用呼吸过滤器为一次性使用产品，主要用于呼吸机及麻醉机管路中过滤细菌、微粒及增加气体湿化程度，也可以在肺功能栓查时与肺功能检查设备配套使用，用于过滤病人带有细菌病原体的飞沫来保护肺功能检查设备。产品由医用高分子材料组成，采用标准接头（肺功能过滤器除外），过滤介质主要是一种带静电的超细聚丙稀纤维，聚丙稀是一种疏水的材料，不利于真菌、细菌和病毒的生长。本公司生产的呼吸过滤器能有效滤除和阻挡患者呼吸道路与呼吸回路之间的细菌、病毒，降低气管插管后的下呼吸道感染的发生率，减轻患者痛苦，同时保护麻醉呼吸设备。

Product Introduction

Disposable breathing system filter is used for bacteria, particle filtration in breathing machine and anesthesia machine and to increase the gas moisture degree. Also can be equipped with pulmonary function machine to filter the spray with bacterial from patient. The product is made of Medical Polymer Material, with standard connector, and the filtration medium is with static superfine polypropylene fibre which is hydrophobe, not good for the growing of fungus, bacterial and virus. The filter can effectively filter and stop the bateria and virus between breathing system and breathing circuits, reduce the rate for lower respiratory tract infection, reduce the pain for patient and protect the equipment.

PM070400007

推荐潮气量
Recommended tidal volum(ml)
/

湿化效果
Moisture loss*(mg H20/l air)
/

阻 力
Resistance(pa)
50 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

纯过滤器 Bacterial filter

PM070400003

推荐潮气量
Recommended tidal volum(ml)
/

湿化效果
Moisture loss*(mg H20/l air)
/

阻 力
Resistance(pa)
30 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070400008

推荐潮气量
Recommended tidal volum(ml)
/

湿化效果
Moisture loss*(mg H20/l air)
/

阻 力
Resistance(pa)
10 at 30 l/min

细菌过滤率
Bacterial filtration efficiency*(%)
99.999

病毒过滤率
Viral filtration efficiency*(%)
99.999

PM070400001

推荐潮气量
Recommended tidal volum(ml)
100

湿化效果
Moisture loss*（mg H_2O/l air）
no

阻力
Resistance to flow at
30L/min 0.4cm H^2O

细菌过滤器
Bacterial filtration efficiency
*(%) 99.999

病毒过滤器
Viral filtration efficiency*(%)
99.999

肺功能过滤器
Spirometry Filter

产品型号

产品编号 Model number	PM070700001
机器端内径(mm) Machine I.D.	26.5
机器端外径(mm) Machine O.D.	29.5 30.0 30.5 31.0
病人端外径(mm) Patient O.D.	26.0
阻 力 Resistance(pa)	10 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700002
机器端内径(mm) Machine I.D.	27.5 29.5 30.5
机器端外径(mm) Machine O.D.	33.5
病人端外径(mm) Patient O.D.	26.0
阻 力 Resistance(pa)	10 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700003
机器端内径(mm) Machine I.D.	30.5
机器端外径(mm) Machine O.D.	33.5
病人端口径(mm) Patient	I.D. 25.5 O.D. 29.5
阻 力 Resistance(pa)	10 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700004
机器端内径(mm) Machine I.D.	18.5
机器端外径(mm) Machine O.D.	21.0
病人端外径(mm) Patient O.D.	15.0
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700005
机器端内径(mm) Machine I.D.	45.5
机器端外径(mm) Machine O.D.	48.0
病人端外径(mm) Patient O.D.	29.5
阻 力 Resistance(pa)	12 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700006
机器端内径(mm) Machine I.D.	25.5 29.5
机器端外径(mm) Machine O.D.	28.5 32.5
病人端外径(mm) Patient O.D.	29.5
阻 力 Resistance(pa)	10 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700007
机器端内径(mm) Machine I.D.	30.5
机器端外径(mm) Machine O.D.	33.5
病人端口径(mm) Patient	I.D. 26.5 O.D. 29.5
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700008
机器端内径(mm) Machine I.D.	27.0 28.0 29.5 30.0 30.5
机器端外径(mm) Machine O.D.	30.5 33.0
病人端外径(mm) Patient O.D.	29.5
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700009
机器端内径(mm) Machine I.D.	25.0 26.5 29.5
机器端外径(mm) Machine O.D.	27.0 29.5 30.0 30.5 33.5
病人端外径(mm) Patient O.D.	/
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

产品编号 Model number	PM070700010
机器端内径(mm) Machine I.D.	28.0 29.5 30.0 30.5
机器端外径(mm) Machine O.D.	30.0 31.5 32.0 32.5
病人端口径(mm) Patient	I.D. 25.5 O.D. 29.5
阻 力 Resistance(pa)	15 at 30 l/min
细菌过滤率 Bacterial filtration efficiency*(%)	99.99

一次性使用咬嘴
Mouthpiece

产品简介

一次性使用咬嘴（简称咬嘴），咬嘴主要与肺功能呼吸过滤器配套使用。本产品是以医用塑料或纸管制成的，为一次性使用产品。

Product Introduction

Disposable mouthpiece is mating with spirometry filter. And the product is made of medical plastic or paper.

相关配件 (Spare parts)

产品型号 Model number	PM070710001
尺寸(mm) Dimension	ID 29.5 H 53.3

产品型号 Model number	PM070710002
尺寸(mm) Dimension	ID 29.5 H 53.3

产品型号 Model number	PM070710003
尺寸(mm) Dimension	ID 30.5 H 52.7

产品型号 Model number	PM070710004
尺寸(mm) Dimension	ID 25.5 H 53.5

产品型号 Model number	PM070710005
尺寸(mm) Dimension	ID 30.0 H 60.0

产品型号 Model number	PM070710006
尺寸(mm) Dimension	ID 29.5 H 53.5

产品型号 Model number	PM070710007
尺寸(mm) Dimension	ID 25.5 H 66.0

Connector series
接头系列

Three-way connector
三通接头

PM070540001

PM070540002

PM070540003

PM070540004

PM070540005

PM070540006

PM070540007

PM070540008

PM070540009

90° degree elbow connector
90° 弯管接头

PM070540010

PM070540011

PM070540012

PM070540013

PM070540014

Tube connector
导管接头

PM070540015

PM070540016

PM070540017

PM070540018

PM070540019

PM070540020

PM070540021

PM070540022

PM070540023

PM070540024

PM070540025