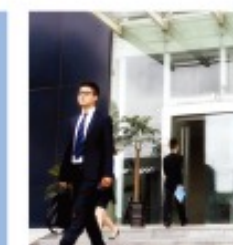


Life Signs Monitoring System Accessories

Love ♥ Life Always.



 **BERRY**

Electronic Technology Co., Ltd.

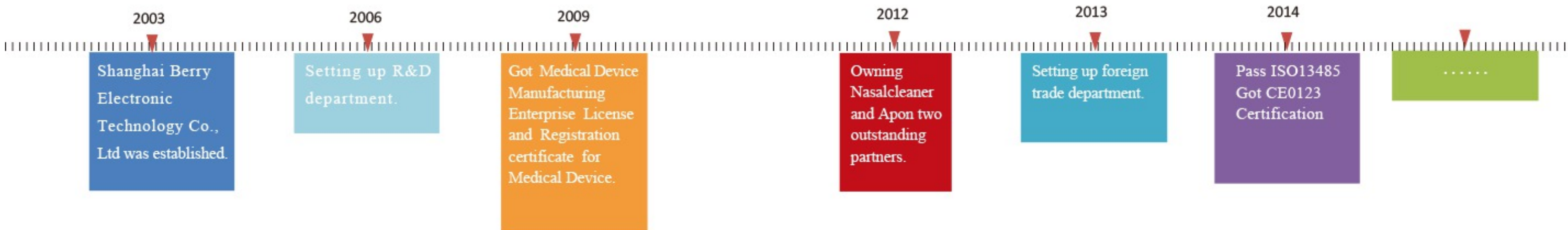
Shanghai Berry Electronic Technology Co., Ltd.

Suit c, 1st Floor, 7th Building,
No. 1188 Lianhang Road, Minhang District, Shanghai, China.
Tel: +86(021)5853-1958 Fax: +86(021)5094-0175
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ESTABLISHED IN 2003

THE 11 YEAR HISTORY OF BERRY



Company Profile

Shanghai Berry Electronic Technology Co., Ltd. is a famous enterprise setting R&D, manufacturing and self-exporting in one, which was established in 2003, headquartered in Shanghai.

Berry is specialized in the field of oximeter, multi-parameter patient monitor module and monitor accessories, with international authoritative approval, including ISO13485, CE and SFDA certification.

We always adhere to technology innovation and new products developing, looking forward to building up a partnership with every client.



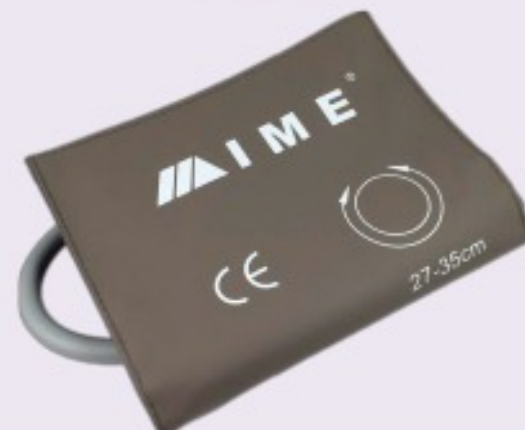
Catalog

Company
Profile

01 SPo2 Sensor &
Extension Cable



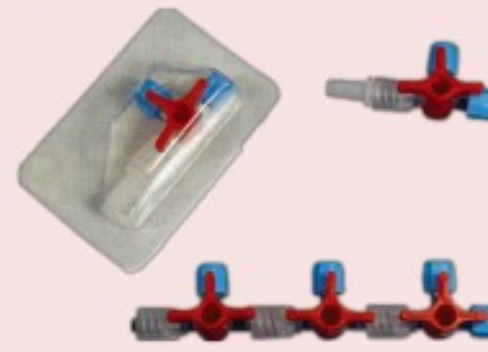
03 NIBP Cuff &
Accessories



02 ECG/EKG Lead wires
& Accessories



04 IBP Cable &
Transducer



05 Temp Probe



Spo2 Sensor & Extension Cable

Content

1. Reusable Spo2 Sensor
2. Disposable Spo2 Sensor
3. Extension Cable



CE certificate
No: G1 14 04 87056 002



Registration Certificate for
Medical Device
No: 2211177

1.

Reusable Spo2 Sensor

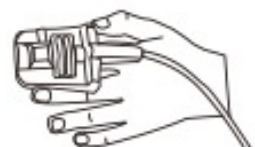


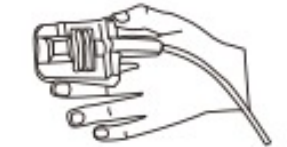
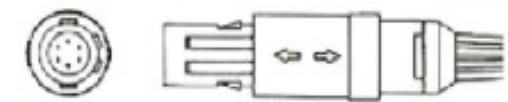
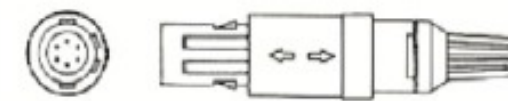
Sensor Connector	Nylon adaptor with gold plated pins
LED & Photo Detector	660/905/940 nm plastic or ceramic frame LED; 4 or 8 mm(size) plastic frame PD
Cable material & color	TPU or silicone jacket; Light grey or bright blue
Cable length & diameter	1.1/1.5/3.0 m; Φ 4.00mm or 2.60mm double line cable.
Finger house	ABS shell(finger clip); soft silicon rubber.
Compatibility	Nellcor, Ohmeda, Philips, Marquette, Spacelabs, Novamatrix, Criticare, BCI, Datascope, Datex, Nihon Kohden, Palco, etc.

Specification	Range	Accuracy	Precision
Spo2	50-100%	85-100%: $\pm 1\%$	1%
		70-84%: $\pm 2\%$	
		50-69%: $\pm 3\%$	
Pulse Rate	25-250 BPM	± 2 BPM	1BPM

1.1

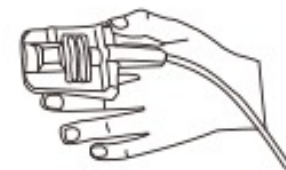
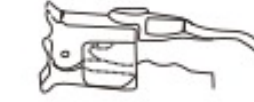
Direct connect reusable spo2 sensor

Compatible Brand	Connector	Patient Terminal	Length
Philips 78352	Round 12pin 	Adult Finger clip 	3m
Philips M3	Hemicycle 8pin 	Adult Soft tip 	
		Pediatric Finger clip 	
		Pediatric Soft tip 	
GE (Masimo module)	Rectangle 8pin 	Neonatal wrap 	
GE (Nellcor module)	Rectangle 8pin 		
Creative			

Compatible Brand	Connector	Patient Terminal	Length
Mindray	Round 7pin 	Adult Finger clip 	3m
Mindray (Masimo module)	Round 12pin 	Adult Soft tip 	
		Pediatric Finger clip 	
Mindray (BCI module)	Round 12pin 	Pediatric Soft tip 	
Mindray	Lemo 5pin 	Neonatal wrap 	
Mindray (Masimo module)	Dual 40° 6pin 		
Mindray (Masimo module)	Dual 60° 6pin 		
Mindray			

1.2

Reusable spo2 sensor (need Ext-cable)

Compatible	Connector	Patient Terminal
Nellcor		Adult Finger clip 
Nellcor (Oximax)		Adult Soft tip  Pediatric Finger clip 
Nihon Kohden		Pediatric Soft tip 
Masimo		Neonatal wrap 
Philips		
GE S5		

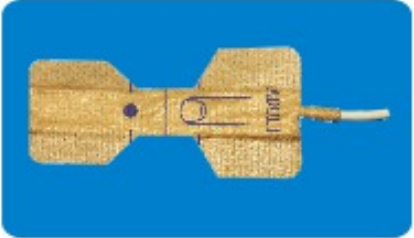
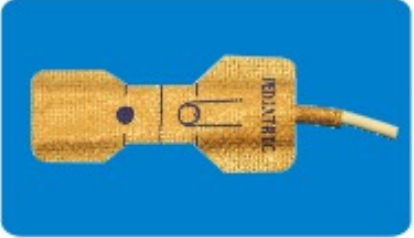
2.

Disposable Spo2 Sensor



Sensor Connector	Sensor Connector	PVC plug with gold plated pins
LED & Photo Detector	660/905/940 nm plastic or ceramic frame LED; 4 or 8 mm(size) plastic flame PD	
Cable material & color	PVC jacket, white	
Cable length & diameter	0.9m, Φ3.2mm	
Sensor tape	Blue non-adhesive foam; 3M textile adhesive	
Compatibility	Nellcor, Ohmeda, Philips, Mindray, BCI, Masimo , BCI, Nihon Kohden, etc.	

Specification Spo2	Range	Accuracy	Precision
	50-100%	85-100%: ±1%	1%
		70-84%: ±2%	
		50-69%: ±3%	
Pulse Rate	25-250 BPM	±2 BPM	1BPM

Compatible Brand	Instrument Connector	Patient Terminal
Nellcor		3M Textile Adhesive Adult 
Nellcor (Oximax)		Pediatric 
Nihon Kohden		Infant 
Masimo		Neonatal/Adult 
		Blue Non-adhesive foam Neonatal/Adult 

3.

Spo2 Extension Cable

Cable material	TPU jacket
Sensor connector	Nylon adaptor with gold plated pins
Cable length/diameter	2.2m/Φ4.0mm

Compatible Brand	Compatible Models No.	Sensor	Instrument Connector	Description	Berry Ref No.
Mindray	PM5000,6000	Nellcor		Round12P-DB9	S003 5C-L
	VS800 PM8002,9201 PM-6201,7000,8000 M1K0, M2K0(After 2006.1)	Masimo		Redell 2bit 60° 6P-DB9	S003 6C-L
	PM-9000,9100,9200 PM-6201,7000,8000 M1K0, M2K0(After 2006.1)	Masimo		Redell 2bit 40° 4P-DB9	S003 7C-L
	PM-6000	Masimo		Round12P-DB9	S003 8C-L
Nellcor	Datascope, GE Medical, Ivy Biomedical, Nonin, Welch Allyn, M.D.E	Nellcor		DB9-DB9	S003 9C-L
	N550, N-595, N560	Nellcor oximax		AMP14P-DB9P	S004 0C-L

Nihon Kohden	BSM-4101,4103,4111,4113 Life Scope BSM-5105,5135 Life Scope BSM-2351,2353 Life Scope	Nihon Kohden		Rectangle14P-DB9	S004 1C-L
Siemens	Siemens medical SC6002XL,SC7000,SC8000, SC9000XL	Nellcor		Round7P-DB9	S004 2C-L
Philips M1900B	HP78352C,78354C,78834C M1020A, M1025A/B, M1350B, M1722A/B, M1732A/B, M2475B	Nellcor		Round12P-DB9	S004 3C-L
Philips M1943A	M3, M4, MP20/30/40/50/70/80, VM4/6/8, C3	Nellcor		Hemicycle8P-DB	S004 4C-L
Philips M1940A	HP78352C,78354C,78834C M1020A, M1025A/B, M1350B, M1722A/B, M1732A/B, M2475B	Philips		Round12P- Hemicycle8J	S004 5C-L
Philips M1941A	M3, M4, MP20/30/40/50/70/80, VM4/6/8, C3	Philips		Hemicycle8P- Hemicycle 8J	S004 6C-L
Spacelabs 700-0030-0	Spacelabs: 1050,1600,1700,90369,90469	Nellcor		F10P-DB9	S004 7C-L
Spacelabs 700-0020-0	Spacelabs: PC Scout, 90351-0/6, 90465, 90466, 90489, 90651A-08, 90651-A, IM77, 90308	Nellcor		Hemicycle7P-DB9	S004 8C-L
GE-Masimo	Solar7000, 8000	Masimo		11P-DB9	S004 9C-L
GE-Ohmeda	GE Ohmeda TruSat	Ohmeda		DB9M-8J	S005 0C-L
MEK	MEK: NEW	MEK		Round8P-DB	S005 1C-L

ECG/EKG Leads & Accessories

Content

1. ECG Monitoring Cable & Lead wires
2. ECG Diagnosis Cable & Lead wires
3. ECG Accessories



CE Mark

Standards

EN 14971: 2000	EN 980: 2003
EN 1041: 1998	EN 9919: 2005
EN 10993-5: 1999	EN 10993-10: 2002

1.

ECG Monitoring Cable & Lead wires

Specification

Cable material	TPU jacket, light grey
Connector & Yoke	TPU adaptor with gold plated pins

Compatibility

Compatible with major brand patient monitor on the market

One-piece patient cable with leads	
Trunk cable	
Lead wires	

Color Code	AHA		IEC	
	3-Lead	5-Lead	3-Lead	3-Lead
Standard Snap				
Standard Grabber				

1.1

One-piece patient cable with leads

Product (compatible)		Instrument connector		Length	Leads	Berry Ref No.
Philips	One-piece 5-Lead ECG cable	Round 6pin 	180° Straight connector 120° angle connector	3.6m	Snap& Grabber AHA& IEC	BR-L-038
	One-piece 3-Lead ECG cable					BR-L-039
	One-piece 3-Lead ECG cable	Round 12pin 	120° angle connector 	3.6m		BR-L-040
	One-piece 5-Lead ECG cable					BR-L-041
	M1735A one-piece 3-Lead ECG cable	Round 8pin 	180° Straight connector 	3.6m 1KΩ		BR-L-044
	M1734A one-piece 5-Lead ECG cable					BR-L-045
Datex	One-piece 3-Lead ECG cable	Round 10J 	180° Straight connector 120° angle connector	3.0m	BR-L-042	
	One-piece 5-Lead ECG cable				BR-L-043	

1.2

ECG Trunk Cable

Product		Instrument connector	Yoke	Color Code	Length	Berry Ref No.
LL series	3-Lead Trunk Cable	Straight Round 6pin 	LL 3-Ld	AHA & IEC	2.7m	BR-L-023
	5-Lead Trunk Cable		LL 5-Ld			BR-L-024
Colin	BP88 3-Lead Trunk Cable	L type Round 6pin 	Colin 6J		2.7m	BR-L-025
	BP88S 3-Lead Trunk Cable	Straight 6pin	Colin 6J			BR-L-026
Datex	LL 3-Lead Trunk Cable	Round 10pin 	LL 3-Ld		2.7m	BR-L-027
	LL 3-Lead Trunk Cable		LL 5-Ld			BR-L-028
Siemens	3-Lead Trunk Cable	Round 10pin 	Euro 3-Ld		3.6m	BR-L-029
	3-Lead Trunk Cable		Euro 5-Ld			BR-L-030
GE-Marquette	5-Lead Trunk Cable	Rectangle 11pin 	VS 5-Ld		3.6m	BR-L-031
Din series	D-1350 Trunk Cable	Straight Round 6pin 	Din 3-Ld		3.6m	BR-L-032
	D-1350 Trunk Cable		Din 5-Ld			BR-L-033
Philips	3-Lead Trunk Cable	Round 12pin 	AA 3-Ld		2.7m	BR-L-034
	5-Lead Trunk Cable		AA 5-Ld			BR-L-035
Nihon Kohden	JC-906P 5-Lead Trunk Cable	Rectangle 12pin 	NK8J		2.7m	BR-L-036
Spacelabs	5-Lead Trunk Cable	Round 17pin 	TRU-link 5-Ld		2.7m	BR-L-037

1.3

ECG Lead wires

Compatible Brand		Connector	Leads	Length	Berry Ref No.
LL	3-Lead	LL 3-Ld	AHA & IEC Grabber & Snap	1m	BR-L-001
	5-Lead	LL 5-Ld			BR-L-002
Philips	3-Lead	AA 3-Ld			BR-L-003
	5-Lead	AA 5-Ld			BR-L-004
Marquet	5-Lead	VS 5-Ld			BR-L-005
Ohmeda	3-Lead	ASP 3-Ld			BR-L-006
	5-Lead	EURO 5-Ld			BR-L-007
Siemens	3-Lead	EURO 3-Ld			BR-L-008
	5-Lead	EURO 5-Ld			BR-L-009
Spacelabs	5-Lead	TRU-link 5-Ld			BR-L-010
Colin	3-Lead	Colin 6pin			BR-L-011
	5-Lead	Colin 6pin			BR-L-012
Nihon Kohden	BR-903P 3-Lead	NK8pin			BR-L-013
	BR-019P 3-Lead	NK6pin			BR-L-014
	BR-546S 3-Lead	NK3pin			BR-L-015
	BR-002P 3-Lead	NK4pin			BR-L-016
	BR-004P 5-Lead	NK5pin			BR-L-017
	BR-021P 5-Lead	NK6pin			BR-L-021
Holter	3-Lead	Din 3-Ld			BR-L-022
	5-Lead	Din 5-Ld			

Yoke type			
LL 5-Ld 	AA 5-Ld 	VS 5-Ld 	ASP 3-Ld 
Colin 6pin 	NK 8J 	Din 3-Ld 	TRU-link 5-Ld 

2.

EKG Diagnosis Cable & Accessories

Cable material	TPU jacket, light grey
Connector & Yoke	TPU adaptor with gold plated pins
Patient terminal	Din 3.0/ Banana 4.0
One-piece EKG Cable Length	3.0m
Trunk Cable Length	1.2m
Lead wire Length	1.2m (Limb Lead); 0.8m (Chest Lead)
Compatibility	Compatible with major ECG diagnosis system on the market

One-piece EKG cable with leads	
Trunk cable	
Lead wires	

Color Code	10 Electrode									
AHA	RL	LA	LL	RA	V1	V2	V3	V4	V5	V6
	Green	Black	Red	White	Red	Yellow	Green	Blue	Orange	Violet
IEC	N	L	F	R	C1	C2	C3	C4	C5	C6
	Black	Yellow	Green	Red	Red	Yellow	Green	Brown	Black	Violet

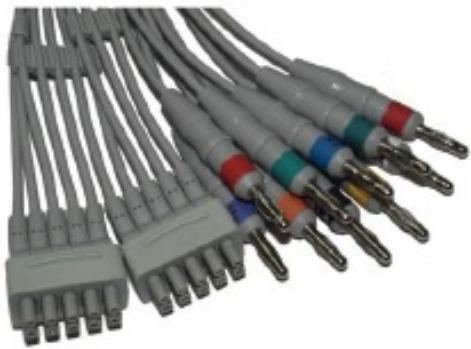
2.1

One-piece EKG cable

SH KOHDEN one-piece 10-Lead EKG cable		NIHON KOHDEN one-piece 10-Lead EKG cable	
	10-Ld Din 3.0 AHA/IEC DB15M		10-Ld Din 3.0 AHA/IEC DB15M0
PHILIPS M3703C one-piece 10-Lead EKG cable		FUKUDA one-piece 10-Lead EKG cable	
	10-Ld Banana 4.0 AHA/IEC DB15M 20KΩ		10-Ld Din 3.0 AHA/IEC DB15M
GE MAC-500 one-piece 10-Lead EKG cable		KANZ PC-104 one-piece 10-Lead EKG cable	
	10-Ld Banana 4.0 AHA/IEC DB15M 10KΩ		10-Ld Din 3.0 AHA/IEC DB15M
KANZ PC-109 one-piece 10-Lead EKG cable		BURDICK one-piece 10-Lead EKG cable one	
	10-Ld Din 3.0 AHA/IEC DDK 16pin		10-Ld Banana 4.0 AHA/IEC DB15M

2.2

EKG Multi-link Cable & Lead Wires

GE MAC-500 Multi-Link cable	GE Multi-Link Lead wires
	
10-Ld, AHA/IEC, 10KΩ	10Ld, AHA/IEC, Banana 4.0

2.3

EKG Accessories

	
Fit for Din 3.0 or Banana 4.0	Fit for both Din 3.0 and Banana 4.0
	
Metal Electrodes: Nickel/ steel/ Agcl.	

NIBP Cuff & Accessories

Content

1. Reusable NIBP Cuff
2. Disposable NIBP Cuff
3. NIBP Connector & Tube

1.

Reusable NIBP Cuff

Product	Type	Material	Size (Circum./cm)
	Single/Double tube Bladder & No Bladder	TPU coat TPU Bladder TPU air tube	Neonatal 6-11 Infant 8-15 Pediatric 14-21.5 Small Adult 20.5-28
		Nylon coat Latex Bladder Latex air tube	Adult 27-35 Large Adult 34-43 Adult Thigh 46-64

2.

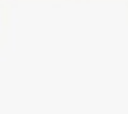
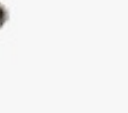
Disposable NIBP Cuff

Product	Type	Material	Size (Circum./cm)
	Single/Double Tube	Non-woven fabrics coat Latex air tube	Neonatal 1# 3-6cm Neonatal 2# 4-7cm Neonatal 3# 5-11cm Neonatal 4# 6-12cm Neonatal 5# 8-15cm

3.

Cuff connector & Tubes

NIBP Connectors 血压接头				
				
Coln Gambro Tyco(NPB 5500)				
				
GE; AS/3,8/5 Cardiacap 5/11, Light Eagle4000,Solar Tram1/2/300		GE-Dash, Eagle, SOLAR Tram 400/450/451 Tram800/850/851, Coro 12D		GE-Dinamap Pro, Compact, MPS Pro Care series
				
Nhon Kohden(New)				

NIBP Connectors 血压接头				
				
Bcl Monitor(OID) Datascope(OID)	Mennen (OID) Schlier Bruker/Odam Spacelabs (OID)	Zoi Series M Datex, Marquette	Marquette,Datex	
				
Bcl Monitor(OID) Datascope(OID)	Mennen (OID) Schlier Bruker/Odam Spacelabs(OID)	Criticare,Datascope Drager/Siemens Physio Control Mindray, Philips/HP Spacelabs, Nelcor	Schlier Air hose connector	
				
CAS, Drager Kontron(Amphora) Physio control(Old) Schlier Eruker/Odam	Reguany as the connector of air hose for neonate disposable BP cuffs		Weich Alyn, GE Critikon, Invivo, Kontron,Mennen, Nhon Kohden	GE-Critikon Invivo, Nhon Kohden

IBP Cable & Transducer

Content

1. IBP Cable
2. Disposable IBP Transducer

1.

IBP Cable

Connector	Nylon adaptor with gold plated pins
Cable material & color	TPU jacket; Light grey
Cable length & diameter	3.2m; $\Phi 5.00\text{mm}$
Compatibility	Philips, Spacelabs, Marquette, Siemens, Nihon Kohden, Datascope - Mindray, Datex - Ohmeda

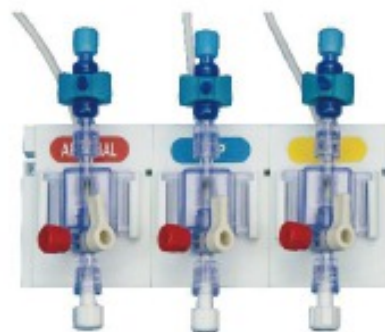
Transducer connector		Braun	Abbott	Utah	Edward	BD
Berry Ref. No.						
Instrument connector						
GE - Marquette		BR-MQ-BB	BR-MQ-AB	BR-MQ-UT	BR-MQ-ED	BR-MQ-BD
Siemens		BR-SM1-BB	BR-SM1-AB	BR-SM1-UT	BR-SM1-ED	BR-SM1-BD
Philips		BR-HP-BB	BR-HP-AB	BR-HP-UT	BR-HP-ED	BR-HP-BD
GE- Datex		BR-DX-BB	BR-DX-AB	BR-DX-UT	BR-DX-ED	BR-DX-BD
Mindray		BR-MR-BB	BR-MR-AB	BR-MR-UT	BR-MR-ED	BR-MR-BD
Spacelabs		BR-6P-BB	BR-6P-AB	BR-6P-UT	BR-6P-ED	BR-6P-BD

2.

IBP Transducer

Specification

Measuring Range	-50-300 mmHg
Sensitivity	4.95~5.05 uv/v/mmHg
Zero Thermal drift	± 0.3 mmHg/ $^{\circ}\text{C}$
Output Drift	± 1 mmHg/ 8h
Flow Rate(Flush Device)	3 $\pm$ 1 ml/h/ 300 mmHg



Cable Connector

Abbott	Braun	Utah	BD	Edward

Temp Probe

Content

1. Reusable Temp Probe
2. Disposable Temp Probe

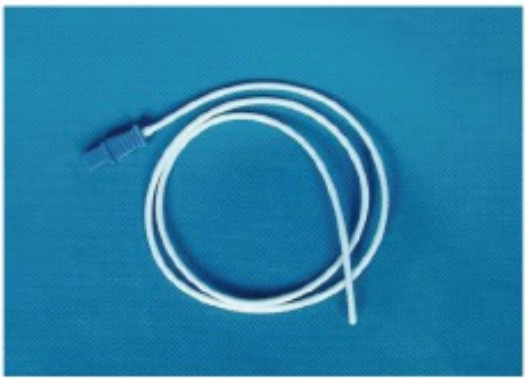
1.

Reusable Temp Probe

Product		Description	Length
YSI 400 Series		Adult Skin Surface 2.25KΩ	3m
		Adult Skin Surface 10KΩ	
		Adult Esophageal/ Rectal 2.25KΩ	3m
		Adult Esophageal/ Rectal 10KΩ	
Philips		Adult Skin Surface	3m
GE		Adult Skin Surface	3m

2.

Disposable Temp Probe

Product		Description	Length
YSI 400 Series		Adult Esophageal/ Rectal 2.25KΩ Rectangle 2pin & Φ 3.0mm tip	0.8m
		Adult Esophageal/ Rectal 2.25KΩ Rectangle 2pin & Φ 4.0mm tip	