



Life Scope *A*

Life Scope *P*

Life Scope *L*

Life Scope *i*



**Making Composition for
LifeScope patient
monitors**



 **NIHON KOHDEN**

<Contents of Making Composition>

1. Measurement Parameters

- Life Scope i
- Life Scope L
- Life Scope P
- Life Scope A

2. Accessory kit YZ-028P* series

3. Composition for each parameters

- ECG measurement
- SpO2 measurement
- NIBP measurement
- Temp measurement
- IBP measurement
- CO2 measurement
- CO measurement
- Anesthesia gas measurement

1. Measurement parameters

Life Scope *i*

Life Scope *L*

Life Scope *P*

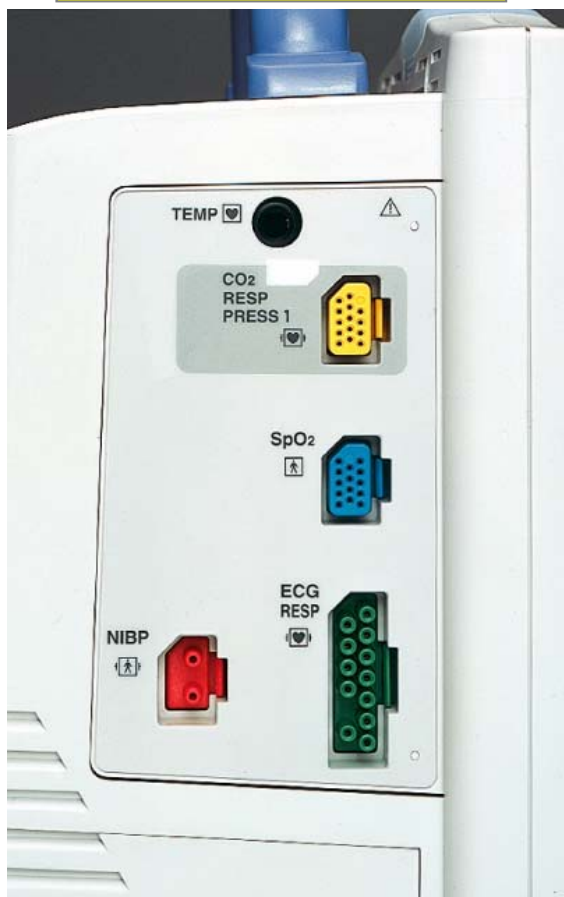
Life Scope *A*



<Measurement parameters>

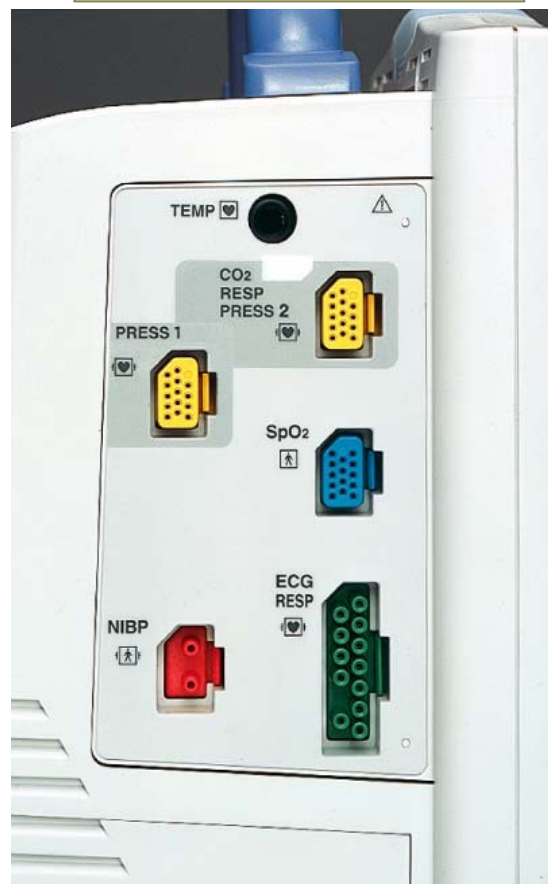
Life Scope

BSM-2301



ECG (3/6 lead), Resp,
NIBP, SpO2, Temp,
Pulse rate, *IBP* or *CO2*
(*multi connector*)

BSM-2303

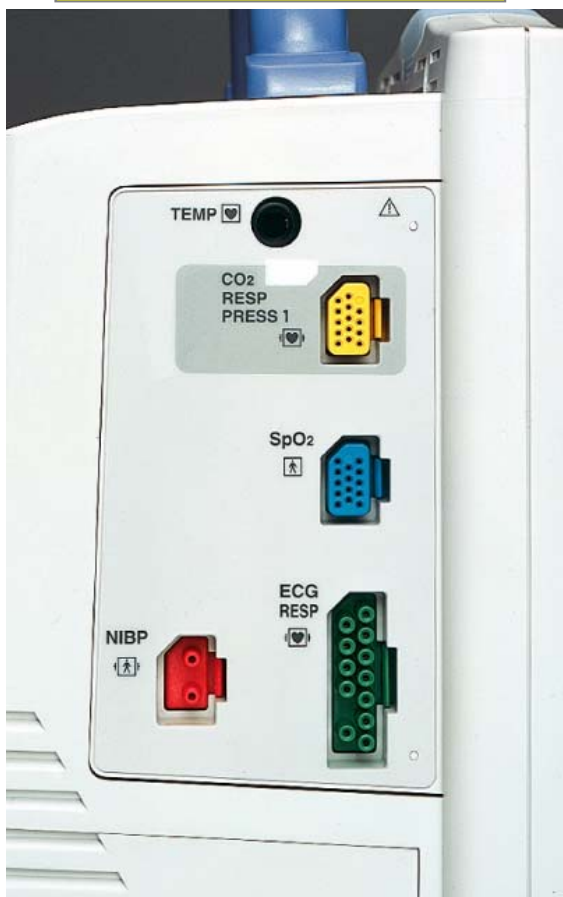


ECG (3/6 lead), Resp,
NIBP, SpO2, Temp,
Pulse rate, *IBP*, *IBP* or
CO2 (*multi connector*)

<Measurement parameters>

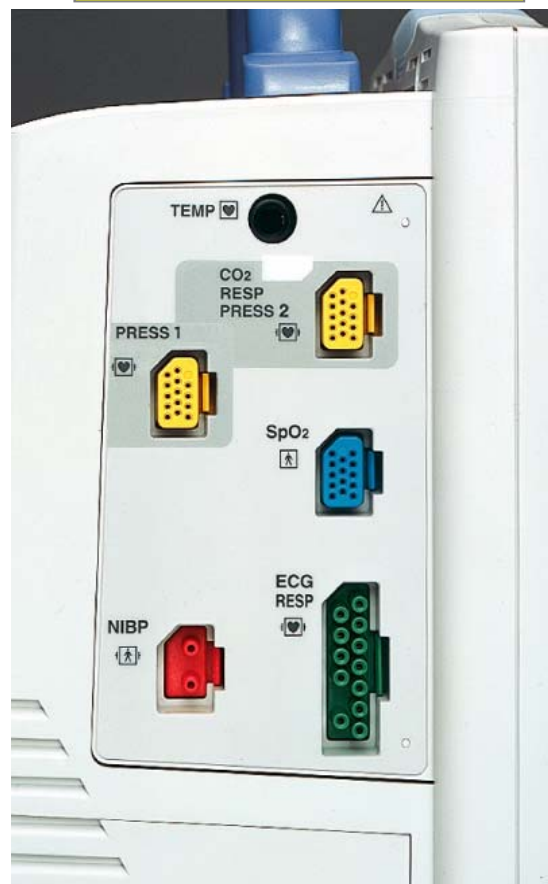
Life Scope *L*

BSM-2351



**ECG (3/6 lead), Resp,
NIBP, SpO2, Temp,
Pulse rate, *IBP* or *CO2*
(multi connector)**

BSM-2353

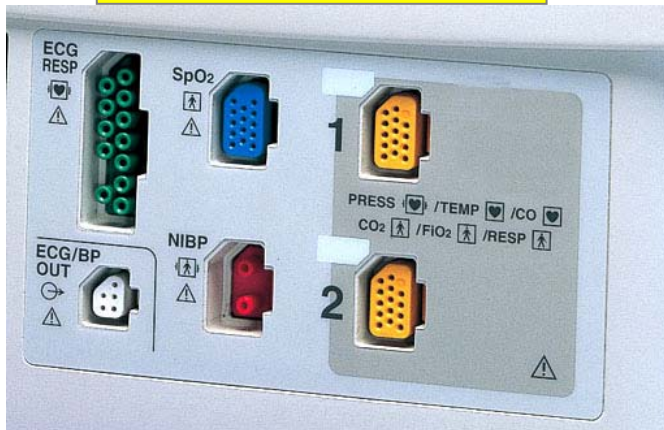


**ECG (3/6 lead), Resp,
NIBP, SpO2, Temp,
Pulse rate, *IBP*, *IBP* or
CO2 (multi connector)**

<Measurement parameters>

Life Scope

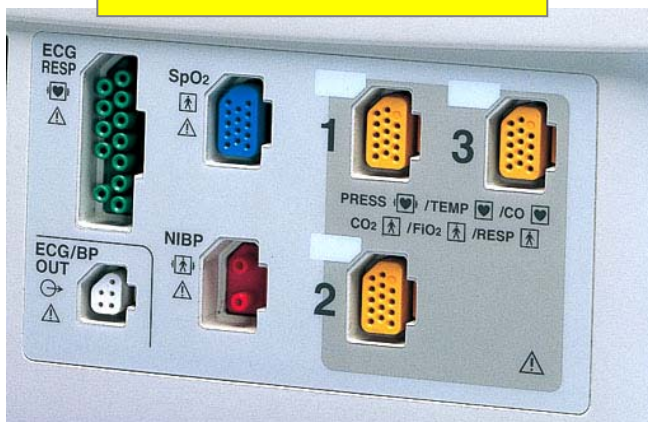
BSM-4111/01



ECG (3/6 lead),
Resp, NIBP, SpO2,
Pulse rate,

*2 Multi-connector
for IBP, Temp, CO,
Resp (thermister),
FiO2, CO2*

BSM-4113/03



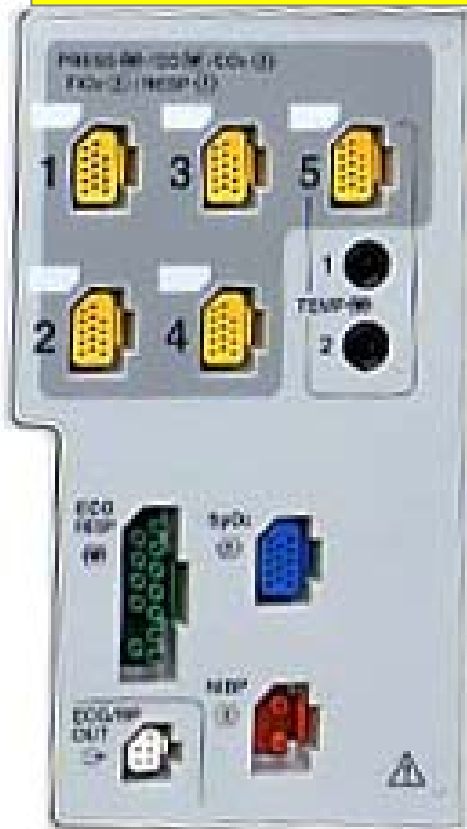
ECG (3/6/10 lead),
Resp, NIBP, SpO2,
Pulse rate,

*3 Multi-connector
for IBP, Temp, CO,
Resp (thermister),
FiO2, CO2*

<Measurement parameters>

Life Scope *A*

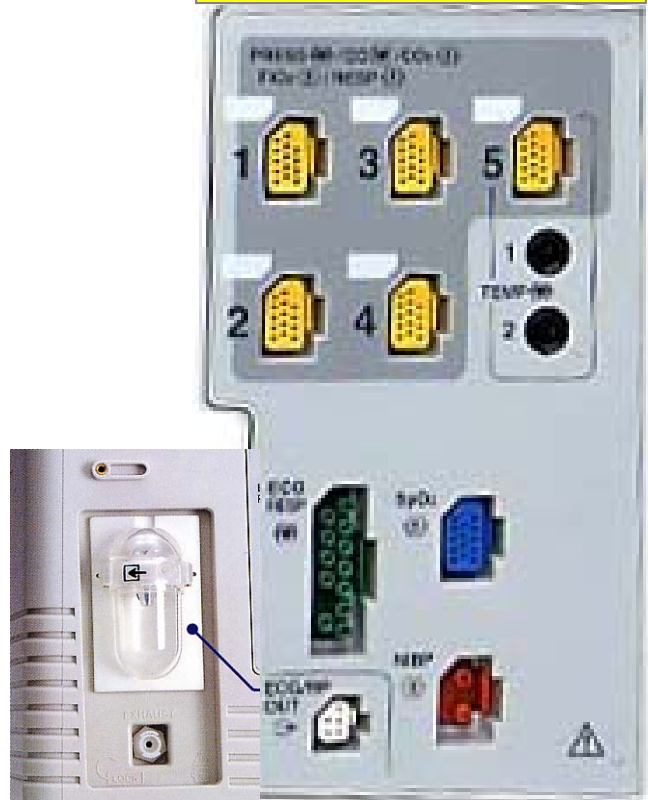
BSM-5105



ECG (3/6/10 lead), Resp,
NIBP, SpO2, Temp (max
4ch), Pulse rate,

5 Multi-connector
IBP, Temp, CO, FiO2,
Resp(thermister), CO2

BSM-5135



ECG (3/6/10 lead), Resp,
NIBP, SpO2, Temp (max
4ch), Pulse rate,

5 Multi-connector
IBP, Temp, CO, FiO2,
Resp(thermister), CO2

Multi-GAS
CO2, O2, N2O,
5 anesthesia agents

2. Accessory kit YZ-028P* series



<Accessory kit YZ-028P* series>

Items \ Model	YZ-028P2 (100 V/IEC type)	YZ-028P3 (200 V/IEC type)
Power cord	Power cord H	Power cord N
ECG electrode lead (3 electrodes)	BR-903P	BR-903P
ECG connection cord (3/6 electrodes)	JC-906P	JC-906P
Disposable electrode, Vitrode C, C-30	✓	✓
SpO2 connection cord, JL-900P	✓	✓
Air hose for adult/child (3.5 m), YN-901P	✓	✓
Cuff for adult, YP-963T	✓	✓
Cuff for child, YP-962T	✓	✓



<Accessory kit YZ-028P* series>



Life Scope i

**YZ-028P* is
option.**



Life Scope L

**YZ-028P* is
option.**



Life Scope P

**YZ-028P* is
included!!**



Life Scope A

**YZ-028P* is
option.**

*** Don't order the accessory kit for
BSM-4100 series.**

3. Composition for each parameters

- ECG measurement
- SpO2 measurement
- NIBP measurement
- Temp measurement
- IBP measurement
- CO2 measurement
- CO measurement
- Anesthesia gas measurement

<ECG measurement, 3 lead>



K922 JC-906P, 3 / 6 lead

Included in YZ-028P*

Clip Type?

Snap Type?



K911 BR-903P, Clip

Included in YZ-028P*



K910A BR-913P, snap



Disposable electrode



G203



G207



G210C

<ECG measurement, 6 lead>

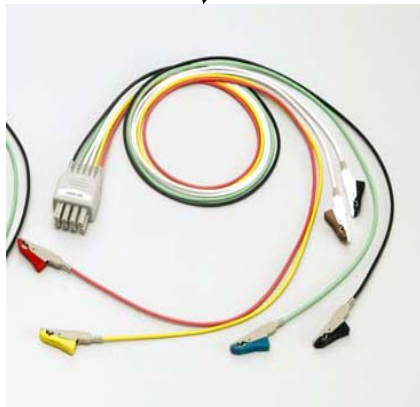


K922 JC-906P, 3 / 6 lead

Included in YZ-028P*

Clip Type?

Snap Type?



K912 BR-906P, Clip



K915 BR-916P, snap



Disposable electrode



G203



G207



G210C

<ECG measurement, 10 lead>

<Only BSM-4113/03, BSM-5105/35>



K901 BJ-900P (10 lead), Clip



Disposable electrode



G203



G207



G210C

<SpO2 measurement, Reusable>



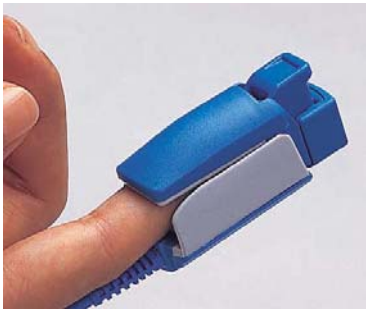
K931 JL-900P

Included in YZ-028P*

Adult?

Other Patient?

BluPRO®



P225F TL-201T



P311C TL-631T3



P225G TL-220T

* Patient over 10kg

* Longer use

* Neonate to Adult

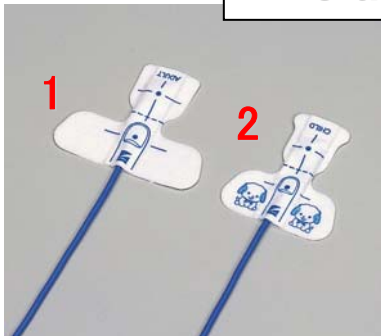
<SpO2 measurement, Disposable>



K931 JL-900P

BLUPRO®

Included in YZ-028P*



**1. P203A TL-271T
24 pcs/set**

**2. P203B TL-272T
24 pcs/set**



**3. P203C TL-273T
24 pcs/set**

**4. P203D TL-274T
24 pcs/set**

Model	Target	Weight	Attach site
TL-271T	Adult	Over 30kg	Finger / toe
TL-272T	Child	10 – 50kg	Finger / toe
TL-273T	Neonate / Adult	N / less than 3kg A / Over 40kg	Instep / finger / toe
TL-274T	Pediatric	3 – 20kg	Finger / toe

<SpO2 measurement, Semi-Disposable>

Long use and non-adhesive probe



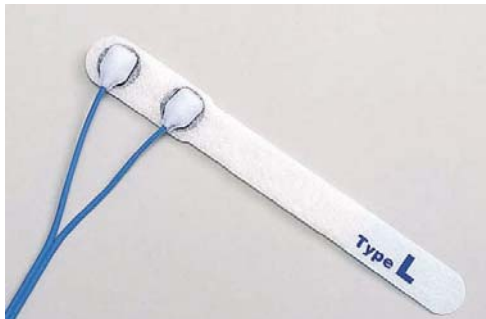
K931 JL-900P

Included in YZ-028P*

BluPRO®



P260B L type



P225F TL-201T
5 pcs/set

Neonate?

Premature?



P260A S type

Model	Target	Weight	Attach site
L type	Neonate	3000g or more	Instep and sole
S type	Neonate / Infant	3000g or more	Finger / toe
	Premature	1000g or less	Instep and sole

<NIBP measurement, Adult/Child>



S902 YN-901P, 3.5m

Included in YZ-028P*



S901 YN-900P, 1.5m

Adult?



**S944B YP-963T,
Adult / 13cm**

**S943C YP-962T,
Child / 10cm**

Included in YZ-028P*

Child?

**Other
size?**

Other cuffs

Model	Target	Cuff Range
S944D YP-965T	Thigh	19 cm
S944C YP-964T	Adult large	15 cm
S943B YP-961T	Child small	7 cm
S943A YP-960T	Infant	5 cm

<NIBP measurement, Neonate>



S905 YN-921P, 3.5m



S904 YN-920P, 1.5m

Blue

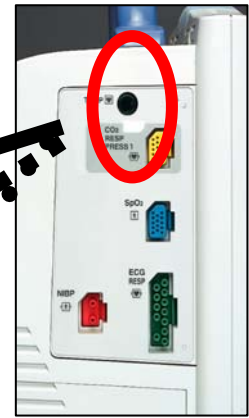


Disposable cuffs for neonate

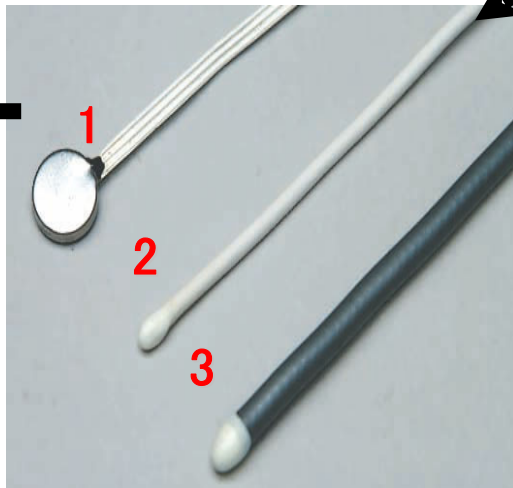
Model	Cuff Range	pcs/set
S948E	5 cm	20 pcs/set
S948D	4 cm	20 pcs/set
S948C	3 cm	20 pcs/set
S948B	2.5 cm	20 pcs/set
S948A	2 cm	20 pcs/set

<Temp measurement>

<BSM-2300 & BSM-5100 series>



Surface?

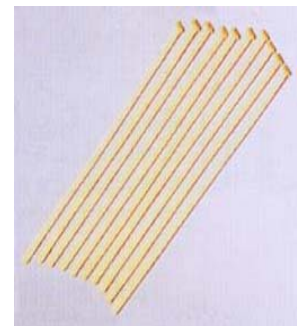


Rectal/
esophagus?

- 1.P242A YSI-409JG, Surface
- 2.P241A YSI-402JG, Catheter Child
- 3.P240A YSI-401JG, Catheter Adult



**P252 Insulation pad
60 pcs/set**



**P249 Probe cover
10 pcs/set**

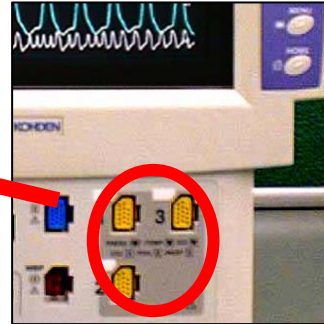
<Temp measurement>

<BSM-4100 series & BSM-5100 series more than 2ch>

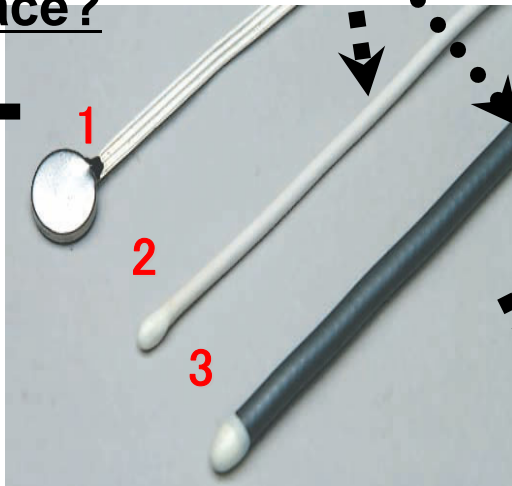
* Up to 2 ch
temp probe



K961 JT-900P



Surface?

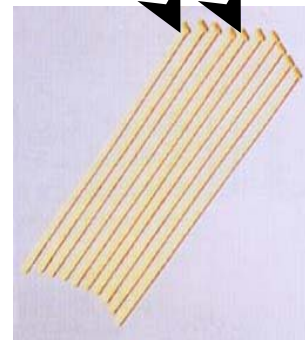


Rectal/
esophagus?

- 1.P242A YSI-409JG, Surface**
- 2.P241A YSI-402JG, Catheter Child**
- 3.P240A YSI-401JG, Catheter Adult**



**P252 Insulation pad
60 pcs/set**



**P249 Probe cover
10 pcs/set**

<IBP measurement, Cable>

<Choose the connection cable depending on the manufacture of transducer>



K951 JP-900P
IBP cable for BD
(Becton Dickinson)



K957 JP-940P
IBP cable for
Biosensor



L901 JP-920P
IBP cable for
Edwards Life Science



K952 JP-910P

*** If you need to use transducer other than these three manufacture, please check if the transducer manufacture have the connection cable for K952 (JP-910P).**

<IBP measurement, Reusable>



**K951 JP-900P
IBP cable for
Becton Dickinson**

*** You can purchase BD transducers from us but we recommend you to purchase from the local transducer distributor.**

<EXAMPLE>



**P23XL-1, BD
Reusable transducer**



**TA-1010ND, BD
disposable dome with
membrane**



**S238 ZY-101U
Transducer holder,
up to 3 transducer**

**S239 Adapter for
P23XL-1, 1pcs/set**

<IBP measurement, Disposable>



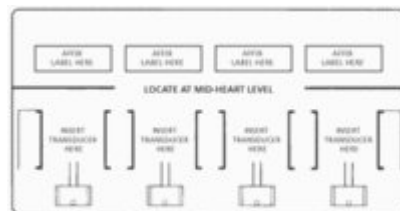
**K951 JP-900P
IBP cable for
Becton Dickinson**

*** You can purchase BD transducers from us but we recommend you to purchase from the local transducer distributor.**

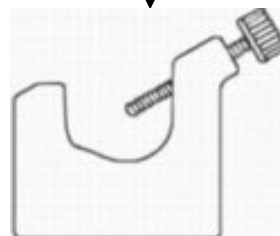
<EXAMPLE>



**DX-360, BD disposable
transducer kit**



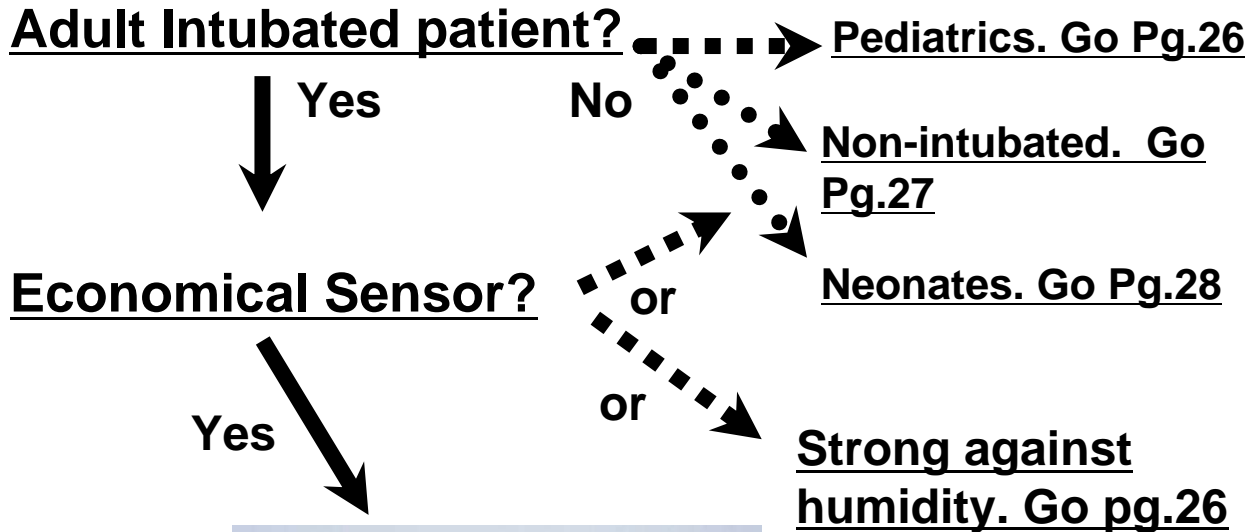
**TBG2, BD transducer
holder**



**TMM, BD transducer
adaptor**

<CO2 measurement>

<Mainstream method, TG-900P>



P903 TG-900P



R801 YG-101T, Airway adaptor, 50pcs/set

Model	Patient	Patient Weight	Dead space
YG-101T	Adult	10kg or more	5 cc

<CO2 measurement>

<Mainstream method, TG-950P>

Adult/Pediatric Intubated patient?



Yes



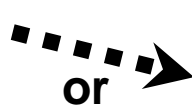
No

Neonates go Pg.28

Strong against humidity?



Yes



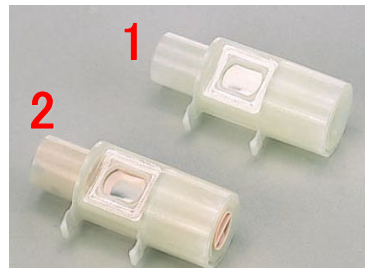
or

More economical.
Go pg.25



Adult?

Pediatric?



1. R802 YG-201T, Adult, 30pcs/set

2. R803 YG-202T, Child, 30pcs/set

Model	Patient	Patient Weight	Dead space
YG-201T	Adult	10kg or more	5 cc
YG-202T	Pediatric	3 to 10kg	2 cc

<CO2 measurement>

<Mainstream method, TG-920P>



P907 TG-920P




R804 YG-111T, 50pcs/set

Adult Intubated patient?

Yes

No

Nasal Cannula
 #1103/1109/1110/1810/
 1812/1814/1920/1921
Hudson RCI



Patient doesn't need the oxygen supply or is supplied the oxygen with face mask.

Patient need the oxygen supply with cannula.



V922 YG-121T, 30pcs/set



V923 YG-122T, 30pcs/set

Model	Patient	Weight	Dead space
YG-121T	Older than 3 years	10 kg or more	---
YG-122T			

<CO2 measurement>

<Sidestream method>

Neonate patient?



Yes

No



Adult. Go Pg.25-27

Pediatrics. Go Pg.26



AG-400RK

Non-intubated neonates?



V909C
25 pcs/set

Intubated neonates?



V908A
25 pcs/set

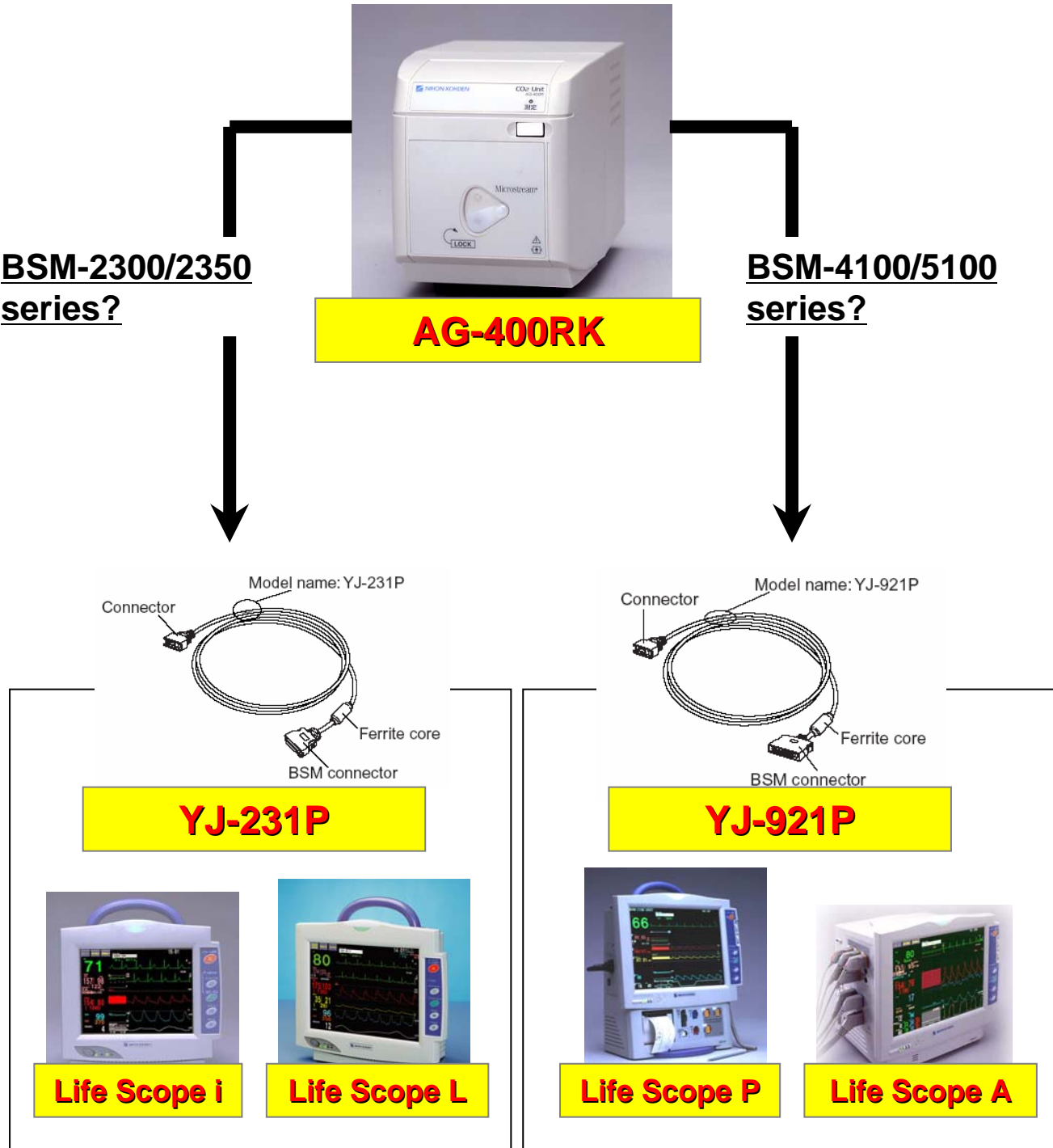
Model	Patient
V909C	Neonate

Model	Patient	Dead space
V908A	Neonate	0.5 cc

<CO2 measurement>

<Sidestream method>

<To connect AG-400RK with BSM series, you need to purchase the connection cable.>



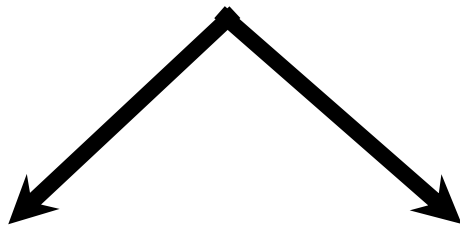
<CO measurement>

<Bath probe method. Only BSM-4100 series/
BSM-5100 series>

Bath probe method



K962 JT-950P



**Bath probe
SP-5030**

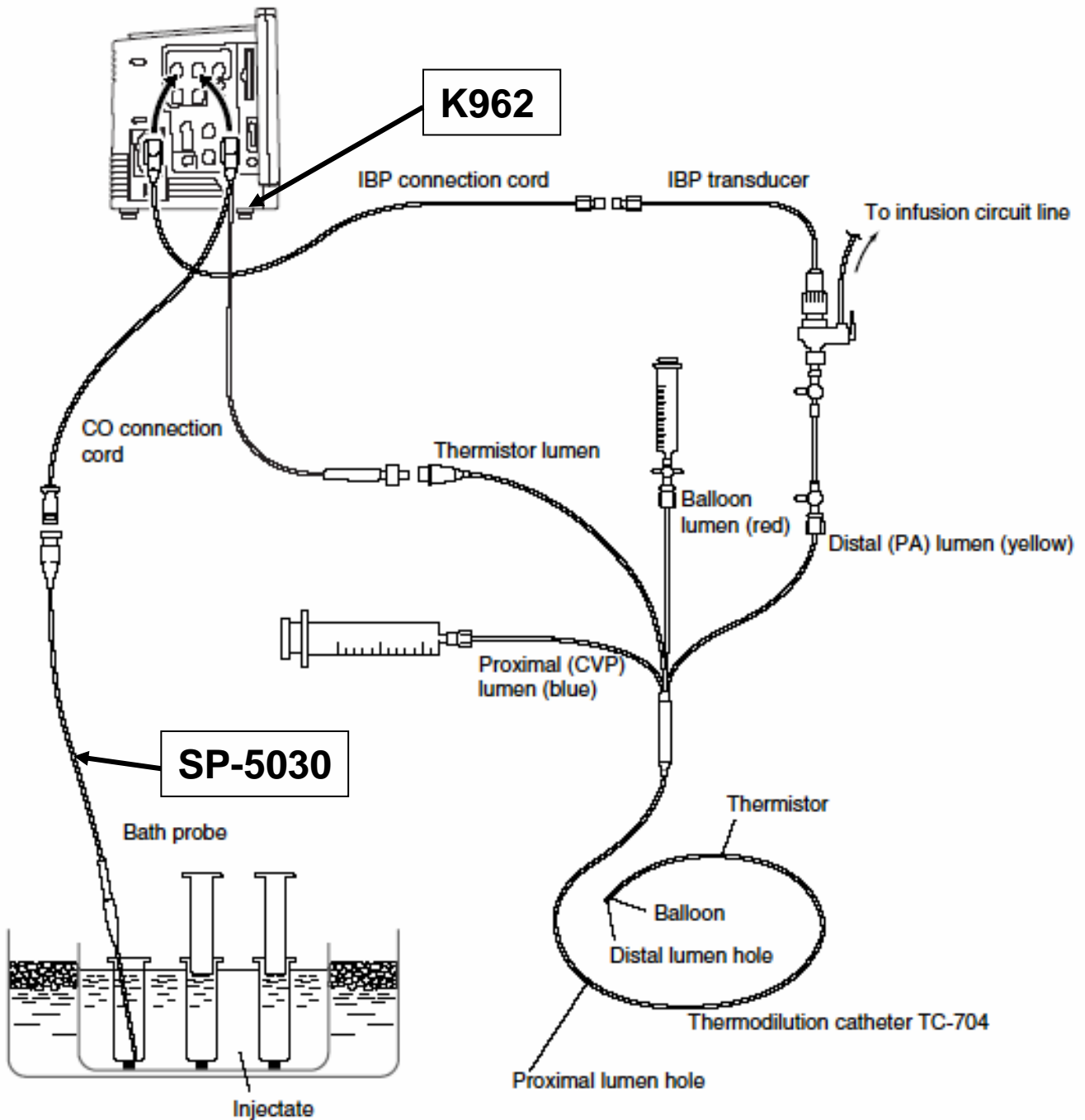


**Thermo dilution
Catheter**

*** You can purchase BD catheter from us but we recommend you to purchase from the local catheter distributor.**

<CO measurement>

Setting example for Bath probe method



<CO measurement>

<Bath probe method. Only BSM-4100 series/
BSM-5100 series>

Inline sensor method



K962 JT-950P



**Inline sensor cable
SP-4045**



**Thermo dilution
Catheter**

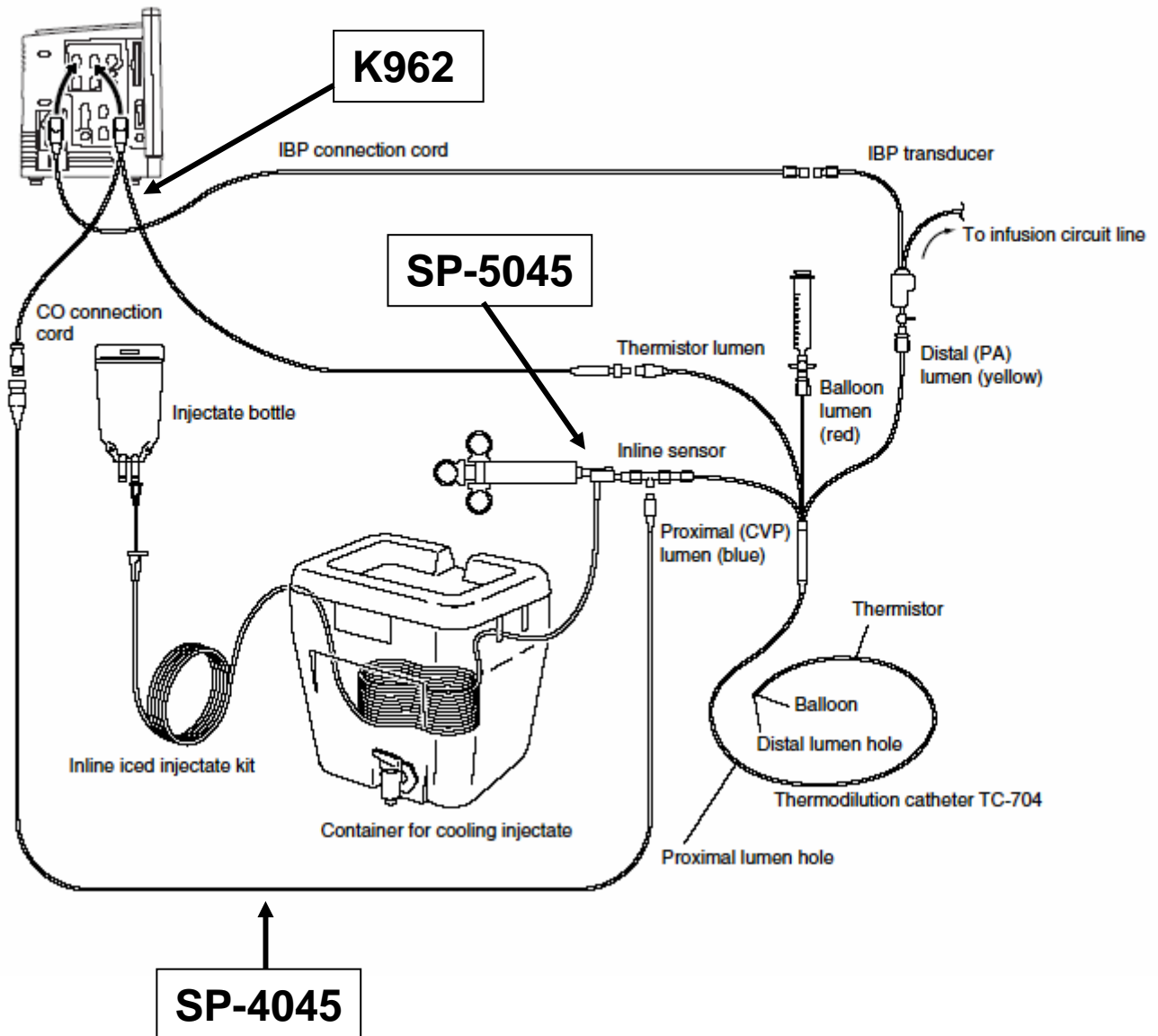


**Inline sensor
SP-5045, 25pcs/box**

*** You can purchase BD catheter from us but we recommend you to purchase from the local catheter distributor.**

<CO measurement>

Setting example for Inline sensor method



<Anesthesia gas measurement>



AG-920RK

Adult ?

Neonate?



Water trap



V915A 613712
10 pcs/set

V915B 613721
10 pcs/set



Sampling tube



V917A 613766
25 pcs/set

V917B 613775
25 pcs/set

<Anesthesia gas measurement>

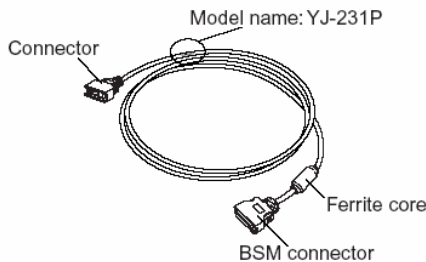
<To connect AG-920RK with BSM series, you need to purchase the connection cable.>



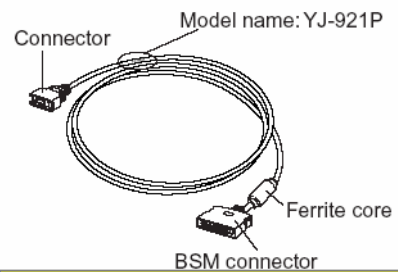
AG-920RK

BSM-2300/2350 series?

BSM-4100/5100 series?



YJ-231P



YJ-921P



Life Scope i



Life Scope L



Life Scope P



Life Scope A