





# Infa Warmer 🕹

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## **Main Body**



\*The drawer shown is optional.

### Infa Warmer i

From the delivery room to NICU.
Meets wide needs with substantial functions and features. Through add-on unit, two kinds of resuscitation unit are available depending on user's demand.

Atom's Code	Description	Power requirements
61633	Infa Warmer i	AC120V ±10%
61634	illia vvariller i	AC230V ±10%
Features Included		
Temperature control LED lighting lamp CPR Timer Apgar Timer HLstand		

#### Accessories

Dust Cover 1	
Skin Temp Probe, 5mm O.D. (Y) · · · · · 1	
Mattress sheet · · · · · 1	

#### [add-on]

	Atom's Code	Description	
	61625	SpO2 Unit	Masimo
[	61626		Nellcor

The oxygen administration can do safely.

The SpO2 cable and the sensor are not included in the standard accessories.

#### [add-on]

Atom's Code	Description
61650	Resuscitation Unit P type *1
61651	Resuscitation Unit E type *2
61652	Blender Unit P type *3
61653	Blender Unit E type *4

- \*1 : T-Piece Resuscitation Unit with Blender and Suction Unit (connect to central piping system)
- \*2 : T-Piece Resuscitation Unit with Blender and Suction Unit of ejector type to make suction operation possible where no suction piping is available.
  \*3 : O<sub>2</sub> Blender Unit and Suction Unit (connect to central
- piping system)
- \*4 : O<sub>2</sub> Blender Unit and Suction Unit of ejector type to make suction operation possible where no suction piping is available.





### Monitor Table for Philips monitor For F-Rail

The monitor table for the Phillips monitor

Atom's Code	Description
60350	Monitor Table for Philips monitor

#### Parts required for mounting the product

The Monitor Table for Phillips monitor is attached to the F-Rail of the main body with the attachment supplied with this product.



#### Monitor Table For F-Rail

The monitor table for the GCX-arm

Atom's Code	Description
60349	Monitor Table

#### Parts required for mounting the product

The Monitor Table for GCX-arm is attached to the F-Rail of the main body with the attachment supplied with this product.



## Power Pack i For Dual incu i, Incu i, Infa Warmer i

Warming and humidification are ensured even during transport. The Power Pack i is an uninterruptible power supply (UPS) to protect the unit from power failure or power interruption.

Atom's Code	Description	Power requirements
61623	Power Pack i	AC120V ±10%
61624		AC230V ±10%

Specifications	
Operable time	About 10~50 minutes
Time required for a completely discharged battery to be fully recharged	About 24 hours

#### Parts required for mounting the product

The Power Pack i is attached to the main body with the mounting parts supplied with this product.









### Handle For F-Rail

The vertical position of the handle can be adjusted easily according to the height of the operator. It is conveniently used to move Incu i or Infa Warmer i to another place.

Atom's Code	Description	Packing Qty
60899	Handle	(2 pcs/set)

#### Parts required for mounting the product

The Handle is attached to the F-rail of the main body with the fixing screw supplied with this product.

### **Drawer** w/mounting bracket, For Infa Warmer i

The drawer with no rails opens and closes so silently that it gives less stress to the patient. You can store small things on the tray in the drawer.

Atom's Code	Description	
60988	Drawer	
Specifications		
Load capacity		3kg
Dimensions of the tray		431×260×51mm(OD)
Dimensions of the drawer		421×421×138mm(ID)
Storage capacity		24459[cm³]

#### Parts required for mounting the product

The Drawer is attached to the main body with the screws supplied with this product.

### Open Rack For Infa Warmer i

You can place medical charts and other necessary things on the Open Rack during medical procedures.

Atom's Code	Description	
61627	Open Rack	
Specifications		
Load capacity	3kg	
Dimensions	502×402×133mm(OD)	

#### Parts required for mounting the product

The Open Rack is attached to the main body with the screws supplied with this product.

<sup>\*</sup> Either the Drawer or the Open Rack can be attached to the main body.

<sup>\*</sup> Either the Open Rack or the Drawer can be attached to the main body.





#### Basket w/arm For F-Rail

The vertical position of the basket can be adjusted easily as desired. The basket is deep enough to conveniently accommodate tall containers such as bottles of alcohol disinfectant solutions.

Atom's Code	Description		
60894	Basket		
Specifications			
Load capacity		3kg	
Dimensions		325×195×90mm	
Storage capacity		5458[cm³]	
Arm length		247mm	

#### Parts required for mounting the product

The Basket is attached to the F-rail of the main body with the fixing screws supplied with this product.



### Tray Set For F-Rail

The vertical position of the Tray Set can be adjusted easily according to the height of the operator. Its load capacity is sufficient to bear the weight of peripheral devices.

With the load capacity of 14kg, this Tray Set can bear the weight of peripheral devices.

Atom's Code	Description	
61617	Tray Set	
Specifications	8	
Load capacity	14kg	
Dimensions	405×305×15mm	
Arm length	300mm	

### Parts required for mounting the product

The Tray Set is attached to the F-rail of the main body with the fixing screws supplied with this product.





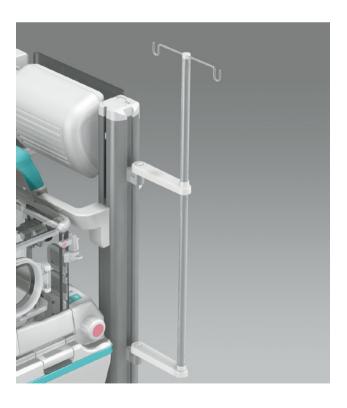
### Tray Set (S) For F-Rail

The vertical position of the Tray Set (S) can be adjusted easily according to the height of the operator. Small instruments necessary for routine medical procedures can be placed on this small tray.

Atom's Code	Description	
61618	Tray Set (S)	
Specifications	5	
Load capacity	3kg	
Dimensions	320×200×27mm	
Arm length	247mm	

#### Parts required for mounting the product

The Tray Set (S) is attached to the F-rail of the main body with the fixing screws supplied with this product.



### I.V Pole For F-Rail

I.V pole for the F-rail

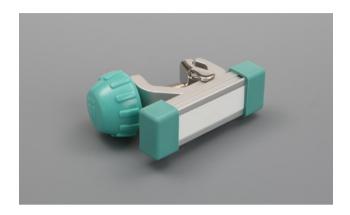
With the load capacity of 10kg, this I.V Pole can bear the weight of various peripheral devices.

Atom's Code	Description
60893	I.V Pole
Specifications	
Load capacity	10kg
Pole length	1050mm

#### Parts required for mounting the product

The I.V Pole is attached to F-Rail of the main body with the fixing screws supplied with this product.





### MF-Rail, 7cm Pole mounting type

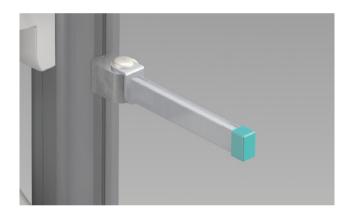
MF-rail of the pole mounting type

Use this rail to mount the peripheral devices attachable to the MF-rail to the I.V pole.

Atom's Code	Description	
60306	MF-Rail, 7cm	
Specifications		
Rail length	7cm	

#### Parts required for mounting the product

The I.V Pole (Atom's Code: 60893) or the Crank Type I.V Pole (Atom's Code: 60892) is necessary.



## MF-Rail For F-Rail (Left & Right)

MF-rail of the rail mounting type

Use this rail to mount the peripheral devices attachable to the MF-rail to the F-rail.

Atom's Code	Description
61616	MF-Rail
Specifications	
Load capacity	5kg
Rail length	225cm

#### Parts required for mounting the product

The MF-rail is attached to the F-rail of the main body with the fixing screws supplied with this product.



### Drainage Hanger For Infa Warmer i

The Drainage Hanger is used to hang a low-pressure continuous aspirator or a drainage bag on the Infa Warmer i.

Atom's Code	Description	Packing Qty
61642	642 Drainage Hanger	
Specifications		
Load capacity	2kg	

#### Parts required for mounting the product

The Drainage Hanger is attached to the main body with the mounting parts supplied with this product.





### **Tube Holder** For Infa Warmer i, V-505

The Tube Holder for Infa Warmer i is attached to the baby guard at the head end of the incubator to hold the patient circuit securely in place.

Atom's Code	Description	
60871	Tube Holder	

Parts required for mounting the product

The Tube Holder is attached to the baby guard.



### Pressure Dispersion Mattress For Infa Warmer i

The Pressure Dispersion Mattress for the Infa Warmer i It provides constant comfort and reduces the patient's stresses due to bedsores.

Atom's Code	Description	
61628	Pressure Dispersion Mattress	



## Peripheral Neo-Light



### **Neo-Light**

With an LED light and hand sensor, both brightness and hygiene have been incorporated into this examination light.

- LED light of 35,000 lux is used.
- The light can be turned on and off by waving your hand underneath the sensor.
  Required only 30% energy of conventional halogen light.

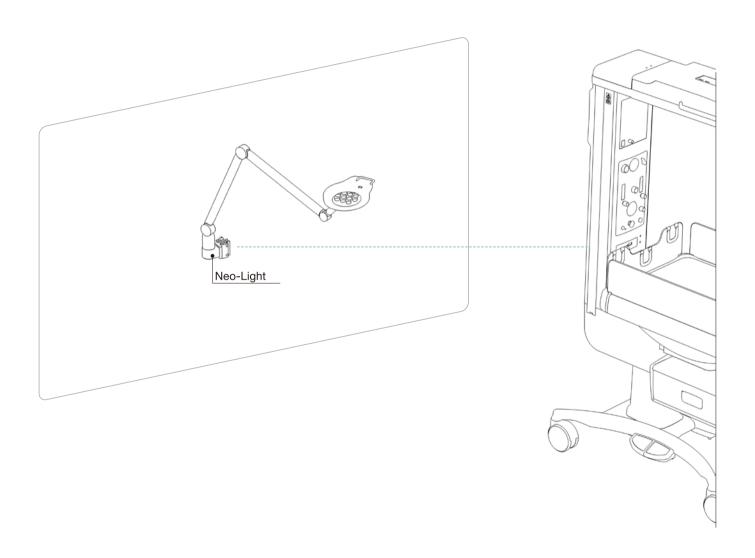
Atom's Code	Description	Power requirements		
60215	Neo-Light	AC100~240V		
Accessories	Accessories			
Bracket ······· AC adapter ··· Power cord(SI	≣ plug)·····	······ 1 ······ 1 ····· 1		

Specifications	
Light source	LED lamps
Illumination intensity	At least 35,000lx

#### Parts required for mounting the product

The Neo-Light is attached to the F-Rail of the main body with the attachment supplied with this product.

## Peripheral Neo-Light Diagram



## Peripheral Safety Flow 0X-248,0X-240





### **Safety Flow**

The float (ball) in the flowmeter moves up and down to clearly reflect the oxygen flow. This helps the operator adjust the flow rate easily.

	Atom's Code	Description	Model No.	Intended use	How to mount the product
	61222	Safety Flow	OX-248	For a piping system	Rail mounting type
[	60357		OX-240		

#### Parts required for mounting the product

For the rail mounting type, the MF-Rail (Atom's Code:61616) is necessary.



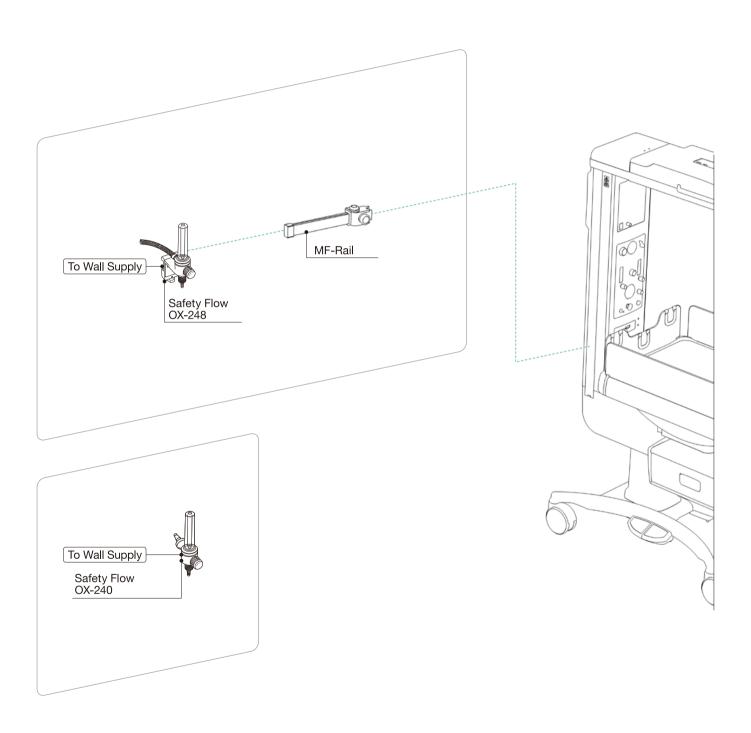


### **Humidifier Bottle OX-230**

Atom's Code	Description
60241	Humidifier Bottle OX-230



## **Peripheral** Safety Flow 0X-248,0X-240 Diagram





## Peripheral Yox Model S401D / Yox Model S401A







## **Yox Aspirator**

- Yox Model S401D is a compact size aspirator with a disposable liner to keep it always clean.

  Yox Model S401A is a reusable aspirator.

Atom's Code	Description	
60356	Yox Model S401D (Liner type), 500mL	
Specifications		
Capacity of the	liner	500mL
Adjustable suction pressure range		0~-80kPa
Accessories		
Piping Connecting Hose for Suction ······ 1 Suction Hose ···· 1 Dispo Liner ···· 1		

\* The Dispo Liner is necessary as a consumable. For more information, see p. 30.

Atom's Code	Description	
61228	Yox Model S401A Aspirator, 1200mL	
Specifications	pecifications	
Capacity of the bottle	е	1200mL(1000mL up to the FULL level)
Adjustable suction pressure range		0~-80kPa
Accessories		
Piping Connecting Hose for Suction · · · · · 1 Suction Hose · · · · · · · 1		

### Parts required for mounting the product

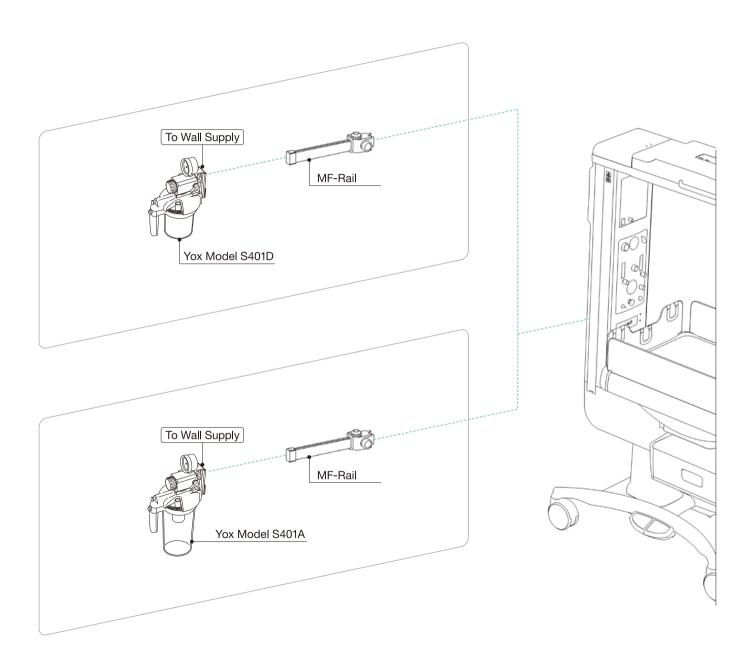
The MF-Rail (Atom's Code:61616) is necessary.

### Suction Canister, 500mL For S401D

Atom's Code	Description
61619	Suction Canister, 500mL



## **Peripheral** Yox Model S401D / Yox Model S401A Diagram





## **Peripheral** ATOM SYRINGE PUMP S-1235



### **ATOM SYRINGE PUMP S-1235**

The ATOM SYRINGE PUMP S-1235 incorporates many safety features

- Quadruple checking ensures proper attachment of the syringe.
   Occlusion pressure is displayed on the trend graph.

-	The function	to prevent operation	arrara ia pravidad
	The function	to prevent operation	errors is provided.

Atom's Code	Description		Power requirements	
62145	ATOM SYRINGE PUMP S-1235		AC120V	
62140	ATON 51	rkinge Pulvip 5-1255	AC220V~AC240V	
Specification	ns			
Battery capacity		Lithium-ion battery The syringe pump is operable for approx. three hours when powered by a fully charged battery (at least about 10 hours of charging are required when the power switch is off.)		
Flow rate setting range		0.1~1200mL/h (in 0.1mL/h increments)		
Prime flow rate		100~300mL/h for a 10	100~300mL/h for a 10, 20 or 30mL syringe;	
		100 $\sim$ 1200mL/h for a 50mL syringe		
Flow rate acc	curacy	Mechanical accuracy: within±1%		
Flow rate accuracy		Accuracy when a syringe is used:within±3%		
Detection of occlusion pressure		20~140kPa		
Accessories				
Mounting table for the syringe pump 1			· 1	

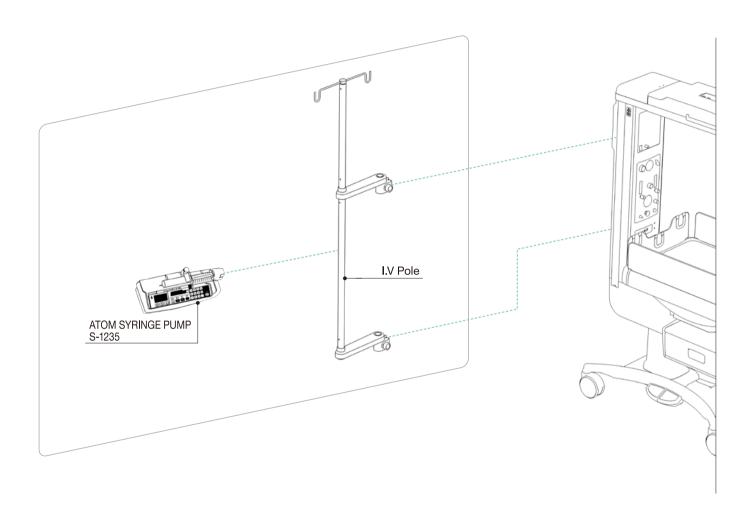
### Parts required for mounting the product

The I.V Pole (Atom's Code:60893) or the Crank Type I.V Pole (Atom's Code:60892) is necessary.

\*NOTE: except for US.



## **Peripheral** ATOM SYRINGE PUMP S-1235 Diagram





## Peripheral Pressure Regulator 0X-231,0X-232 / Safety Flow 0X-202





### **Pressure Regulator**

The pressure regulator for a cylinder with G type valve

Atom's Code	Description	Model No	Intended use
61226	Pressure	OX-231	For Oxygen Cylinder, Screw Type
61227	Regulator	OX-232	For Air Cylinder, Screw Type



### **Safety Flow**

The float (ball) in the flowmeter moves up and down to clearly reflect the oxygen flow. This helps the operator adjust the flow rate easily.

1	Atom's Code	Description	Model No.	Intended use
l	61225	Safety Flow	OX-202	For a cylinder (with pressure regulator)



### Cylinder Rack For F-Rail

The rack for holding a 500L cylinder

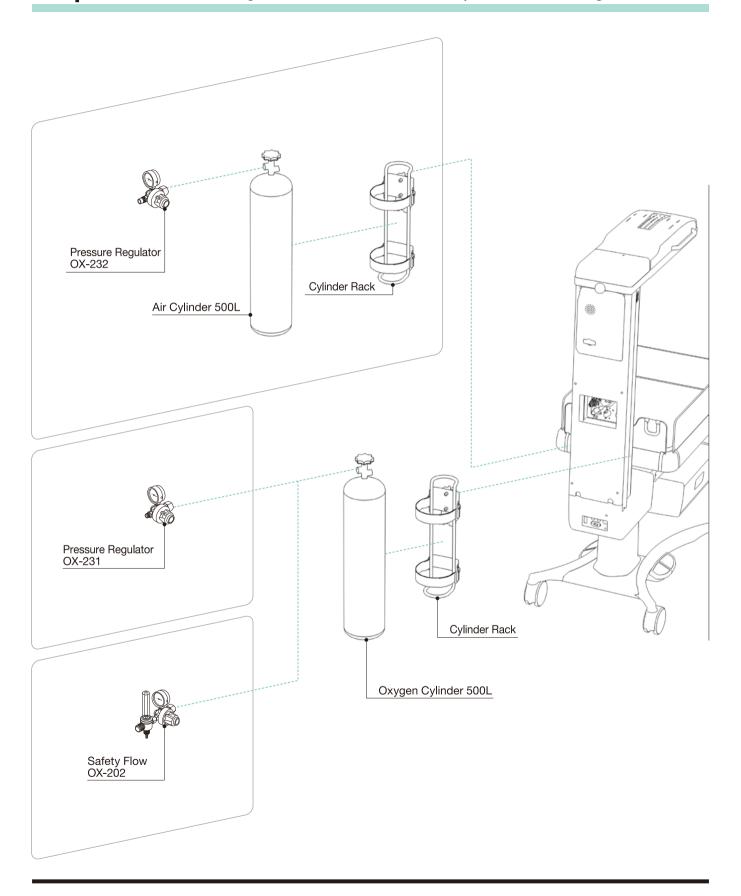
Atom's Code	Description
60895	Cylinder Rack

#### Parts required for mounting the product

The Cylinder Rack is attached to the F-Rail of the main body with the fixing screws supplied with this product.



## Peripheral Pressure Regulator 0X-231,0X-232 / Safety Flow 0X-202 Diagram





## **Peripheral** Weight Monitor Unit



### **Weight Monitor Unit**

The weight monitor for the Infa Warmer i You can weigh the baby placed on the mattress platform whenever necessary.

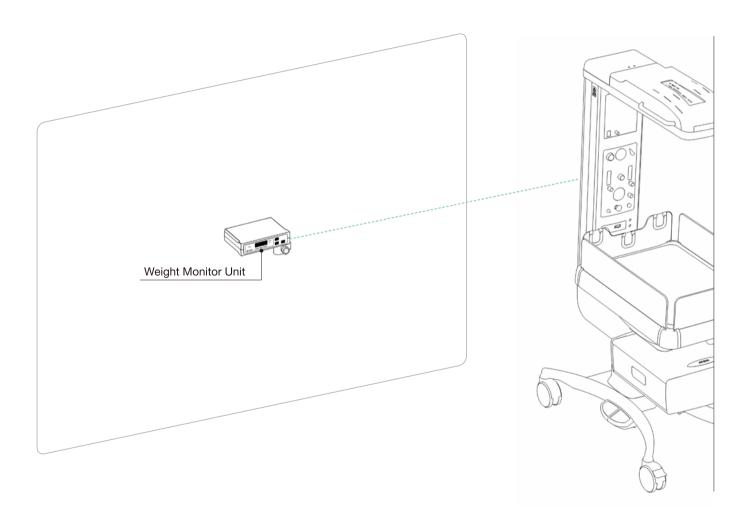
Atom's Code	Description		Power requirements
61640	Weight Monitor Unit		AC120V ±10%
61641			AC230V ±10%
Specifications			
Weighing range		300~7000g	

#### Parts required for mounting the product

The Weight Monitor Unit is attached to the F-Rail of the main body with the display table supplied with this product.



## Peripheral Weight Monitor Unit Diagram





## Peripheral BILI-THERAPY Spot Type / BILI-THERAPY Pad Type



### **BILI-THERAPY Spot Type**

Effective Phototherapy Treatment and Space-saving

- Effective phototherapy treatment by blue LED
   Promote early hospital discharge by reducing the treatment time in providing high irradiation intensity and effective wavelength.
- Space-saving
   The unit can be mounted on the F-Rail without using a stand for space-saving around the incubator or warmer.
- Switchable to examination lamp with one-touch of a button.
   As an examination lamp, the condition of an infant can be monitored.
   (White LED)
- \*Comming soon



### **BILI-THERAPY Pad Type**

Pad-type Phototherapy Unit good for Kangaroo-care

- Effective light treatment by blue LED Supports early hospital discharge by reducing the treatment time with high irradiation intensity and effective wavelength.
- Enables the light treatment by fiber irradiation while holding a baby The light treatment while holding a baby is possible because the irradiation area is soft fiber.
- Enables to use widely
   The device can used widely for bassinet as well as infant incubator and infant warmer.
- \*Comming soon



## Peripheral Respi Care Flow / Respi Care Flow with Blender



### **Respi Care Flow**

- The T-piece resuscitator with enhanced safety and operability for every operator
  Consistent and stable PIP can be applied.
  Stable PEEP can be applied.
  You can apply a desired pressure with your thumb and adjust the inspiratory time easily. This also reduces your burden of squeezing and releasing the bag repeatedly for a long period of time.
- \*Comming soon





## **Peripheral**



### **Atom Head Frame**

The Atom Head Frame holds the patient circuit tubes and the patient's head securely.

Atom's Code	Description
60846	Atom Head Frame



### **Atom Oxygen Head Box OX-930**

An oxygen concentration of 90% or higher is achieved in a short period of time.

Atom's Code	Description	
60220	Atom Oxygen Head Box OX-930	



### ATOM FEEDING SYRINGE HOLDER

The Feeding Syringe Holder is intended for automatic feeding. The feeding rate can be adjusted by adjusting the angle of the holder.

Atom's Code	Description
60078	ATOM FEEDING SYRINGE HOLDER



## **Peripheral**



### Cord Holder For F-Rail

The Cord Holder of the rail mounting type
The Cord Holder holds various cords and cables in place on the F-rail
and helps keep them tidy.

Atom's Code	Description	Packing Qty
61071	Cord Holder	(5 pcs/pkg)



## Hose Set for Oxygen and Air,2m for Blender-Pressure Regulator,Screw Type

Atom's Code	Description
60351	Hose Set for Oxygen and Air, 2m



## **Hose for High-pressure Oxygen,1m** for Pressure Regulator,Screw Type

Atom's Code	Description
60352	Hose for High-pressure Oxygen, 1m



## **Peripheral**



## Hose for High-pressure Air,1m for Pressure Regulator,Screw Type

Atom's Code	Description
60353	Hose for High-pressure Air, 1m



## **Connecting Hose for Piping**

Atom's Code	Description
60300	Connecting Hose for Piping



## Disposable / Consumable Items Masimo Diagram



### **Red LNOP Patient Cables (Masimo)**

The  $SpO_{\rm 2}$  cable manufactured by Masimo for the pulse oximetor built into the incubator.

Three types of cables of different length are available for your needs.

Description	Cable length
Red PC - 04	1.2m
Red PC - 08	2.4m
Red PC - 12	3.6m

For more information about other sensors and cables, please contact to the local distributor.



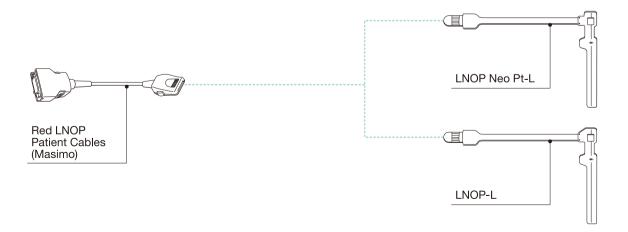
### **LNOP Sensors**

The LNOP Sensor is a disposable sensor for the pulse oximeter built into the incubator. It is an adhesive type sensor available in two different sizes according to the baby's weight. You can obtain measurements even during motion conditions and low perfusion conditions. It is less affected by noise interference.

Description	Indication
LNOP Neo Pt-L	Body weight: less than 1kg
LNOP-L	Body weight: less than 3kg

For more information about other sensors and cables, please contact to the local distributor.

## Masimo Diagram







### **DOC-4 Pulse Oximetry Cable (Nellcor)**

The SpO<sub>2</sub> cable manufactured by Nellcor for the pulse oximetor built into the incubator.

#### **Description**

DOC-4 Pulse Oximetry Cable (Nellcor)

For more information, please contact to the local distributor.

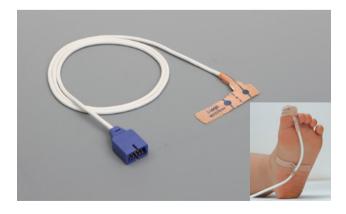


### **Nellcor OXIMAX MAX-N** For Neonate

The Nellcor OXIMAX MAX-N is a disposable sensor for the pulse oximeter built into the incubator. It is an adhesive type sensor intended for a neonate weighing less than 3kg. The sensor prevents the effects of external interference and provides precise measurements.

Description	Indication
Nellcor OXIMAX MAX-N	Body weight: less than 3kg

For more information, please contact to the local distributor.



### Nellcor OXIMAX MAX-I For Infant

The Nellcor OXIMAX MAX-I is a disposable sensor for the pulse oximeter built into the incubator. It is an adhesive type sensor intended for an infant weighing less than  $3{\sim}20$ kg. The sensor prevents the effects of external interference and provides precise measurements.

Description	Indication
Nellcor OXIMAX MAX-I	Body weight : less than 3~20kg

For more information, please contact to the local distributor.



## Disposable / Consumable Items Nellcor Diagram



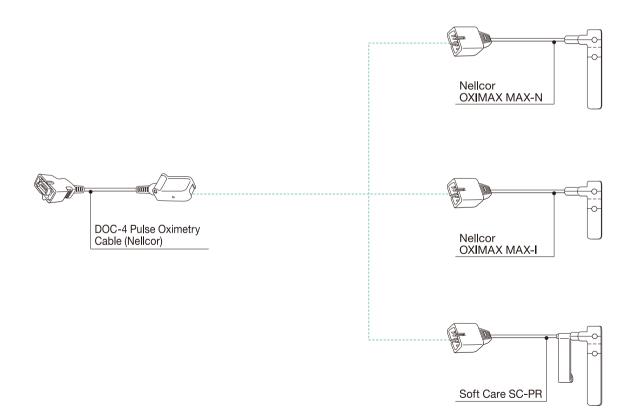
### **Soft Care SC-PR**

The Soft Care SC-PR is a disposable sensor for the pulse oximeter built into the incubator. It is a non-adhesive type sensor designed for the delicate skin of a baby weighing less than 1.5kg. The sensor uses a thin cable optimum for the care of an extremely small patient.

Description	Indication
Soft Care SC-PR	Body weight : less than 1.5kg

For more information, please contact to the local distributor.

## **Nellcor Diagram**







### **Skin Temp Probe**

When a Skin Temp Probe (W) is used in combination with a Skin Temp Probe (Y), the patient's skin temperature at two different sites can be monitored at the same time.

Atom's Code	Description	Packing Qty
60883	Skin Temp Probe, 5 mm O.D. (Y)	1 piece
60881	Skin Temp Probe, 5 mm O.D. (W)	1 piece
60882	Skin Temp Probe, 10 mm O.D. (Y)	1 piece
60880	Skin Temp Probe, 10 mm O.D. (W)	1 piece



### Connecting Cable For Dispo Skin Temp Probe

Connecting cable for the Dispo Skin Temp Probe for the i series incubators It is used to connect a Dispo Skin Temp Probe to the skin temp probe connecting port of the incubator.

Atom's Code	Description	Packing Qty
60885	Connecting Cable (Y)	1 piece
60891	Connecting Cable (W)	1 piece



### **Dispo Skin Temp Probe**

When a Dispo Skin Temp Probe (W) is used in combination with a Dispo Skin Temp Probe (Y), the patient's skin temperature at two different sites can be monitored at the same time.

A separate "Connecting Cable" is necessary for each Dispo Skin Temp Probe.

Atom's Code	Description	Packing Qty
60884	Dispo Skin Temp Probe (Y)	(10 pcs/box)
60890	Dispo Skin Temp Probe (W)	(10 pcs/box)





### **Neck Pad**

This silicone based pad for the Atom Oxygen Head Box OX-930 prevents oxygen from leaking out of the Oxygen Head Box.

Atom's Code	Description	Packing Qty
60268	Neck Pad	(5 pcs/pkg)



### **Neo Sheets**

The disposable sheets made of nonwoven fabric are soft, highly hygroscopic and breathable.

Atom's Code	Description	Dimensions	Packing Qty
60337	Neo Sheets	100×75cm	(100 pcs/box)



### **Mattress Sheet**

100% cotton

Atom's Code	Description	Dimensions	Packing Qty
60321	Mattress Sheet	100×100cm	(5 pcs/pkg)





### **Baby Card**

The sticker type card, directly attachable to the hood of the incubator, is easy to remove and reapply.

Atom's Code	Description	Color	Packing Qty
67100	Baby Card -	Blue	(50 pcs/box)
67101		Pink	(50 pcs/box)



### Dispo Liner, 500mL For S401D, Suction Canister

Disposable liner for the Yox Model S401D and the Suction Canister

Atom's Code	Description	Packing Qty
60355	Dispo Liner, 500mL	(30 pcs/box)



### Tube for Pressure Measurement For Infa Warmer i

Tube for pressure measurement with the manometer contained in the Blender Unit P type or the Blender Unit E type

The tube is connected to a Jackson Rees Circuit, etc. to have the internal pressure of the circuit indicated on the pressure gauge

Atom's Code	Description	Packing Qty
61629	Tube for Pressure Measurement	1 piece





### Patient Circuit For Respi Care Flow

Patient circuit intended for use with the Respi Care Flow

Atom's Code	Description	Packing Qty
60354	Patient Circuit	(5 pcs/box)



### **Face Mask**

The soft and air cushioned face mask fits well on the face. The air pressure is adjustable to achieve comfortable airtight seal. The transparent material used for the face mask allows a clear view of the patient's mouth, so that the medical staff can check the patient's complexion and recognize any vomit easily. Latex-free to eliminate allergy concerns

Atom's Code	Des	scription	Intended use	Packing Qty
60143	Fac	e Mask	For Neonatal	(20 pcs/box)
60144	1 40	o Masik	For Infant	(20 pcs/box)
A B		Size	For Neonate	For Infant
		А	65	79
		В	55	67
		С	41	49
		D	28	35



### Test Bag, 50 ml

Bag for setting the pressure of the Respi Care Flow

	Atom's Code	Description	Capacity	Packing Qty
[	60298	Test Bag, 50 ml	50mL	(5 pcs/pkg)



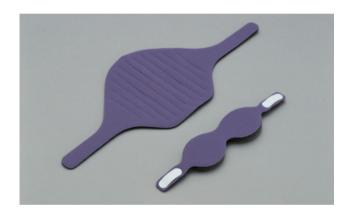


### **Cover Baby**

The Cover Baby is used to fix the skin temp probe.

The aluminum coated cover prevents the skin temp probe from being affected by the heater for accurate skin temperature measurements.

Atom's Code	Description	Packing Qty
60312	Cover Baby	(80 pcs/box)



### Eye Mask

The Eye Mask protects the baby's eyes from phototherapy beams. Easily attachable with the Velcro straps for proper fit on the back of the baby's head, the Eye Mask can be fixed securely in place.

Atom's Code	Description	Size	Packing Qty
60289		SS (head circumference:less than 28cm)	(5 pcs/pkg)
60288	Eye Mask	S (head circumference:28~34cm)	(5 pcs/pkg)
60287		M (head circumference:over 34cm)	(5 pcs/pkg)



### **Jackson Rees Circuit**

The APL valve is used to protect the lungs from excessive pressure. The variable valve is adjustable in the range of 0  $\sim$  60 cmH<sub>2</sub>O. When the Jackson Rees Circuit with suction port is used, suctioning can be performed with the circuit attached to the patient. Latex-free to eliminate allergy concerns

Atom's Code	Description	Intended use	Bag capacity	Suction port	Packing Qty
60140	Jackson Rees Circuit	For Neonatal	0.5L	Not attached	1 piece
60141				Attached	1 piece
60142		For Infant	1L	Attached	1 piece



Manufacturer: ATOM MEDICAL CORPORATION http://www.atomed.co.jp

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