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Main Body



*The drawer shown is optional.

Incu i

User friendliness and safety are important features for the healthcare professional.Standard model to support daily nursing care.

<Friendliness> Improve work efficiency and protect the infant

from stress.

<Reliable performance> Basic features of an infant incubator are

incorporated.

Make the utmost use of workspace around the incubator. Peripheral equipment can be mounted easily.

Atom's Code	Description	Power requirements	O ₂ Controller Unit
61605	Incu i	AC120V ±10%	Attached
61607		AC120V ±10%	Not Attached
61606		AC230V ±10%	Attached
61608		AC230V ±10%	Not Attached

Features Included

Temperature control Humidity control HLstand

Accessories

Dust Cover ···· 1
Skin Temp Probe, 5mm O.D. (Y) 1
Pneumoclean······ 1
Access Port Cover2
Piping Connecting Hose 3m (For Oxygen) * · · · · 1
Oxygen Sensor *···· 2
⋆Only with O₂ Controller.

[add-on]

Atom's Code	Description	
61621	SpO2 Unit	Masimo
61622	SpO2 Offit	Nellcor

The oxygen administration can do safely.
The trend graph is displayed on the display.
The SpO₂ cable and the sensor are not included in the standard accessories.

[add-on]

Atom's Code	Description
61615	Weight Monitor Unit

The infant's weight can be measured automatically in the incubator and displayed in 1g increment.





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.



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 Co	de	Description	Power requirements
61623		Power Pack i	AC120V ±10%
61624		Power Pack I	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 i series incubator

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	
60888	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.

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	
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	
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.





F-Rail Pole For Incu i

The F-Rail Pole for the Incu i

With the load capacity of 20kg, this F-Rail Pole can bear the weight of various peripheral devices and options for the main body.

Atom's Code	Description
60873	F-Rail Pole
Specifications	
Load capacity	20kg
Pole length	920mm

Parts required for mounting the product

The F-Rail Pole is attached to the main body with the mounting parts supplied with this product.



Crank Type I.V Pole For i series incubator

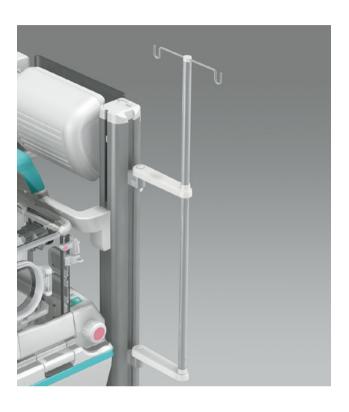
The Crank Type I.V Pole is attached to the foot end of the incubator. With the load capacity of 10kg, this Crank Type I.V Pole can bear the weight of a syringe pump, etc.

Atom's Code	Description
60892	Crank Type I.V Pole
Specifications	
Load capacity	10kg
Pole length	1160mm

Parts required for mounting the product

The Crank Type I.V Pole is attached to the main body with the fixing screws supplied with this product.





I.V Pole For F-Rail

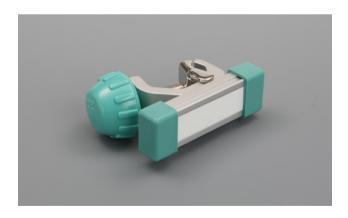
I.V pole for the F-rail

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

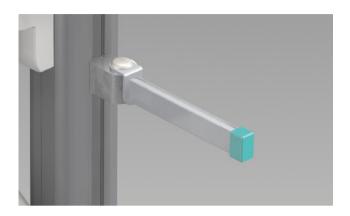
Use this rail to mount the peripheral devices attachable to the MF-rail to the I.V pole.

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 (Front) For i series incubator

The Drainage Hanger (Front) is used to hang a low-pressure continuous aspirator or a drainage bag at the foot end of the incubator.

Atom's Code	Description
60874	Drainage Hanger (Front)
Specifications	
Load capacity	2kg

Parts required for mounting the product

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

Drainage Hanger (Side) For i series incubator

The Drainage Hanger (Side) is used to hang a low-pressure continuous aspirator or a drainage bag at either side of the incubator.

Atom's Code	Description	Packing Qty
60875	Drainage Hanger (Side)	(2 pcs/set)
Specifications		
Load capacity	2kg	

Parts required for mounting the product

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





Code Guide For i series incubator

The Cord Guide holds in place the power cords of the peripheral devices attached to the foot end of the incubator and keeps them off the floor.

Atom's Code	Description	Packing Qty
60876	Code Guide	(2 pcs/set)

Parts required for mounting the product

The Cord Guide is attached to the main body with the mounting parts supplied with this product.



Holder for Patient Circuit w/arm

The holder for the patient circuit for the Incu i and the Neo Servo i. It ensures easy and firm insertion and fixation of the patient circuit.

Atom's Code	Description
60857	Holder for Patient Circuit

Parts required for mounting the product

The Access Port is removed and then the Holder for Patient Circuit is attached instead.



Tube Holder For i series incubator, V-2200, V-2100G, Neo-Servo

This Tube Holder ensures firm fixation of the patient circuit.

Atom's Code	Description
60858	Tube Holder

Parts required for mounting the product

This Tube Holder is attachable to the mattress platform of the i series incubators.





Mattress For i series incubator

The Mattress for the i series incubators

The Pressure Dispersion Mattress provides constant comfort and reduces the patient's stress due to bedsores.

Atom's Code	Description
60879	Pressure Dispersion Mattress
60896	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					
Bracket ······· AC adapter ··· Power cord(SI	= plug)	······ 1 ······ 1 ····· 1			

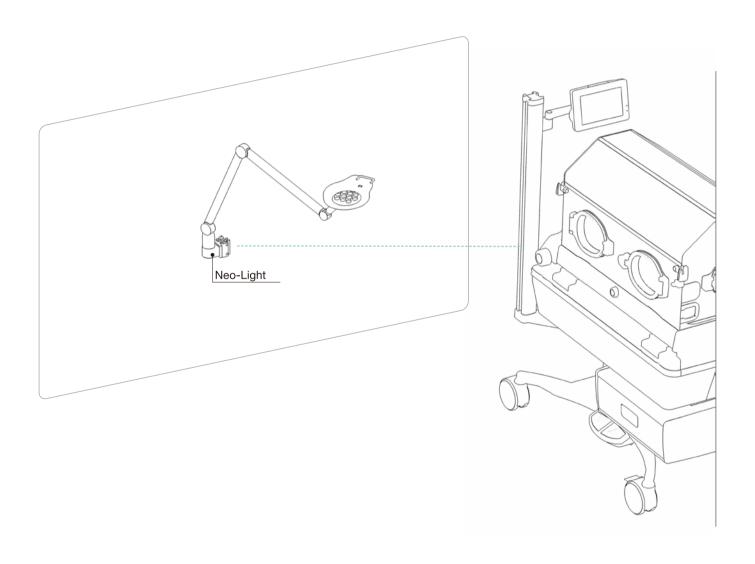
Specifications		
Light source	LED lamps	
Illumination intensity	At least 35,000lx	

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	Rail mounting type
60357	Jaiety Flow	OX-240	system	

Parts required for mounting the product

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



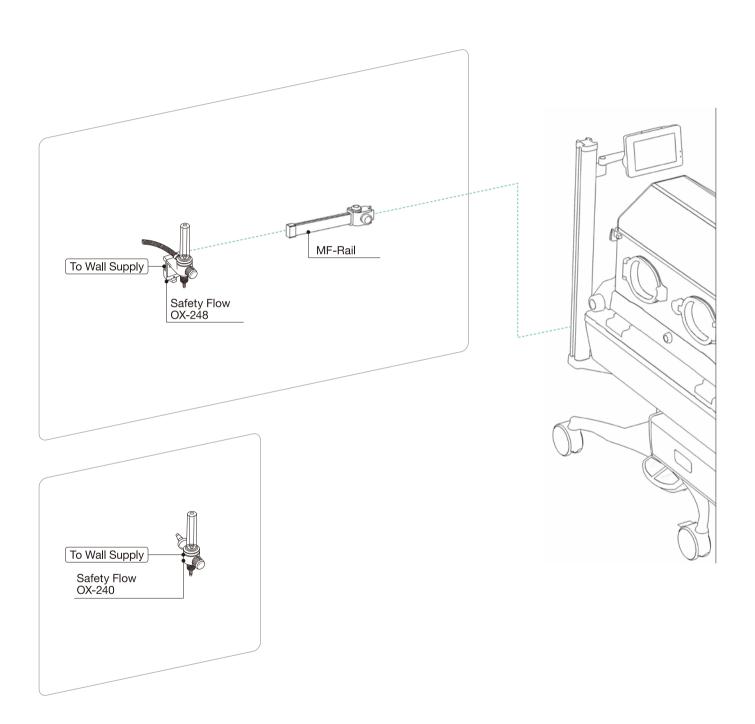


Humidifier Bottle OX-230

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	Capacity of the liner 500mL		
Adjustable suct	ion pressure range	0~-80kPa	
Accessories			
Piping Connecting Hose for Suction 1 Suction Hose			

* The Dispo Liner is necessary as a consumable. For more information, see p. 32.

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

Parts required for mounting the product

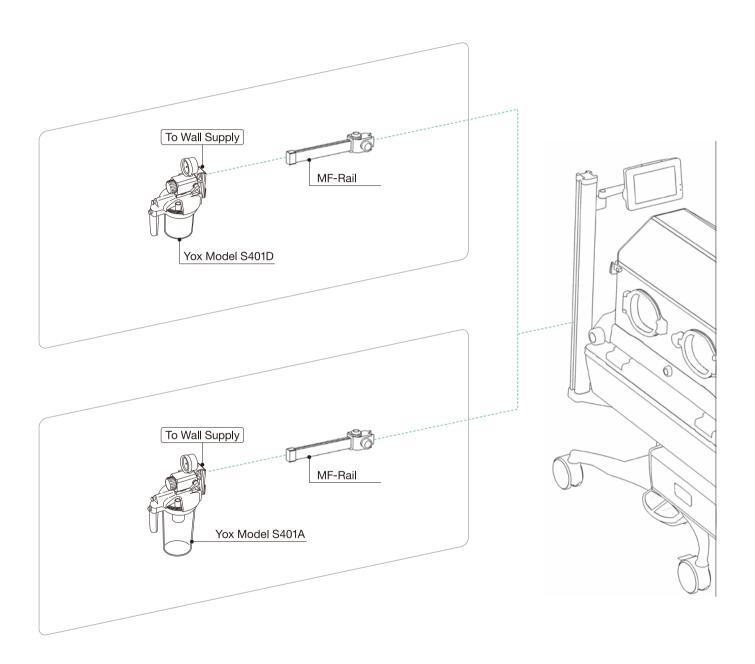
The MF-Rail (Atom's Code:61616) is necessary.

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 errors is provided.

Atom's Code	Description		Power requirements	
62145	ATOM SYRINGE PUMP S-1235		AC120V	
62140	ATOW 5	THINGE POWE 3-1233	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, 20 or 30mL syringe;		
		100~1200mL/h for a 50mL syringe		
Flow rate accuracy		Mechanical accuracy: within±1%		
		Accuracy when a syringe is used:within±3%		
Detection of occlusion pressure		20~140kPa		
Accessories				
Mounting table for the syringe pump 1				

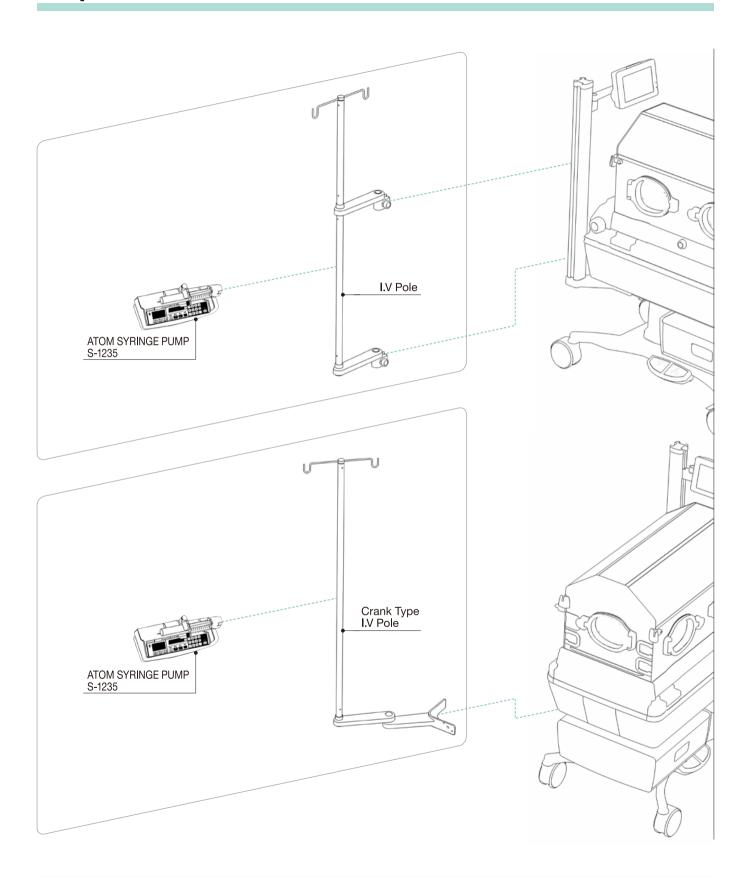
Parts required for mounting the product

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.

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



Cylinder Rack For F-Rail

The rack for holding a 500L cylinder

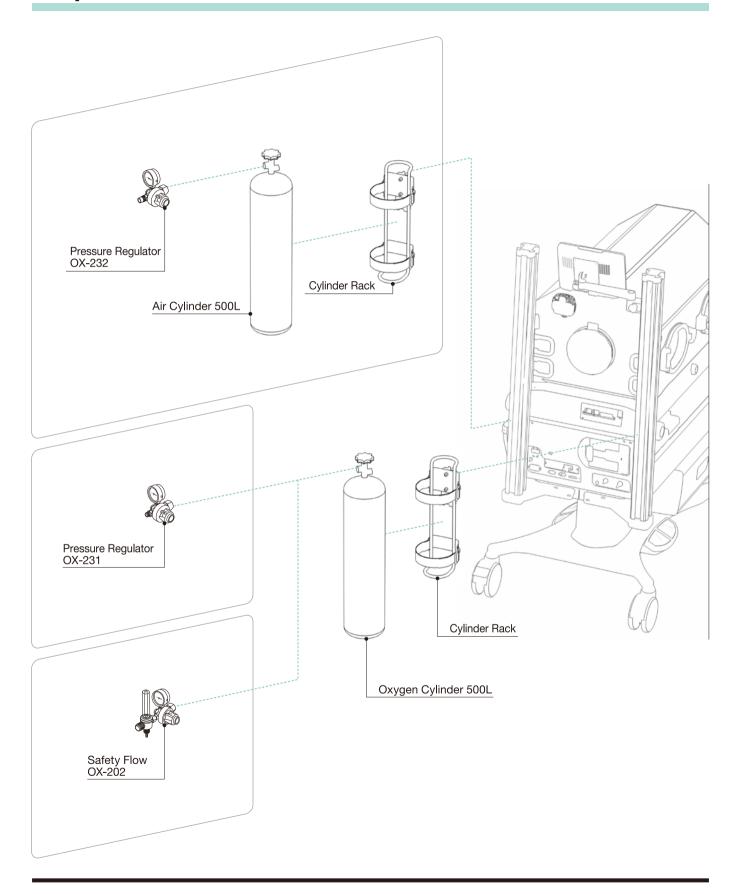
Atom's Code	Description	
60895	Cylinder Rack	

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 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



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	





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

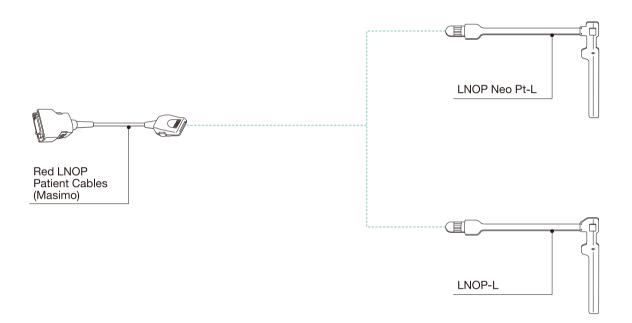
The LNOP Sensor is a disposable sensor for the pulse oximeter built into the incubator. It is an adhesive type sensor available in two different sizes according to the baby's weight. You can obtain measurements even during motion conditions and low perfusion conditions. It is less affected by noise interference.

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.



Disposable / Consumable Items Masimo Diagram







DOC-4 Pulse Oximetry Cable (Nellcor)

The SpO₂ 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.

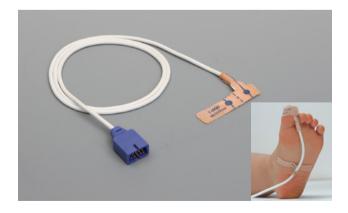


Nellcor OXIMAX MAX-N For Neonate

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



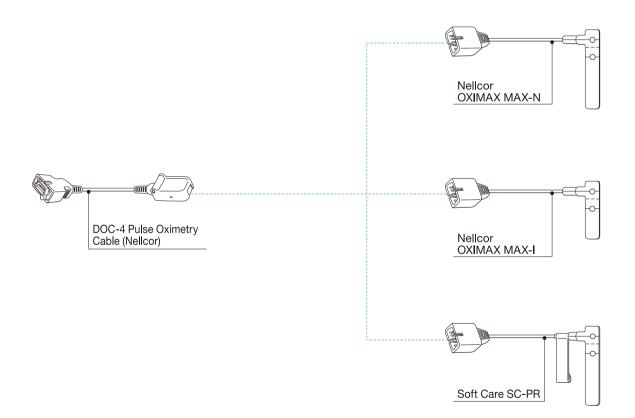
Soft Care SC-PR

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)





Oxygen Sensor For Dual incu i, Incu i, V-2200, V-2100G

Oxygen sensor for the O2 controller built into the incubator

Atom's Code	Description	Packing Qty
60859	Oxygen Sensor	(2 pcs/set)



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)



Pneumoclean Electret Air Filter

The electret air filter for replacement for the i series incubators. The filter removes at least 99% of airborne dust as small as 0.1 micron and delivers clean air into the incubator.

Atom's Code	Description	Packing Qty
60269	Pneumoclean	(5 pcs/box)





Snap-Open Access Port

Snap-open access port for i series incubators

Atom's Code	Description	Packing Qty
60897	Snap-Open Access Port (W-Wall)	1 piece
60898	Snap-Open Access Port (S-Wall)	1 piece



Access Port Frame Set (Iris Type)

Access Port Frame Set for Incu i and Neo Servo i

Atom's Code	Description	Packing Qty
60335	Access Port Frame Set (Iris Type)	1 piece



Access Port Cover

Access port cover for replacement for Incu i and Neo Servo i

Atom's Code	Description	Packing Qty
60860	Access Port Cover	(20 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

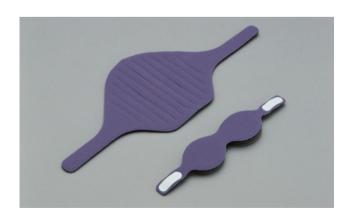
Atom's Code	Description	Packing Qty	
60355	Dispo Liner, 500mL	(30 pcs/box)	



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	Face Mask		For Neonatal	(20 pcs/box)	
60144			For Infant	(20 pcs/box)	
	T	Size	For Neonate	For Infant	
c	Α.	А	65	79	
((***)))		В	55	67	
		С	41	49	
+ B →	•	D	28	35	



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 cmH₂O. 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
ſ	60140	Jackson Rees Circuit	For Neonatal	0.5L	Not attached	1 piece
ſ	60141				Attached	1 piece
	60142		For Infant	1L	Attached	1 piece

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

Exporter: ATOM MEDICAL INTERNATIONAL, INC. Iwakata Bldg., 3-18-16, Hongo, Bunkyo-ku, Tokyo, JAPAN Phone: + 81 3 3815 2941 Fax: + 81 3 3812 9670/4080 URL: http://www.atom-ami.co.jp