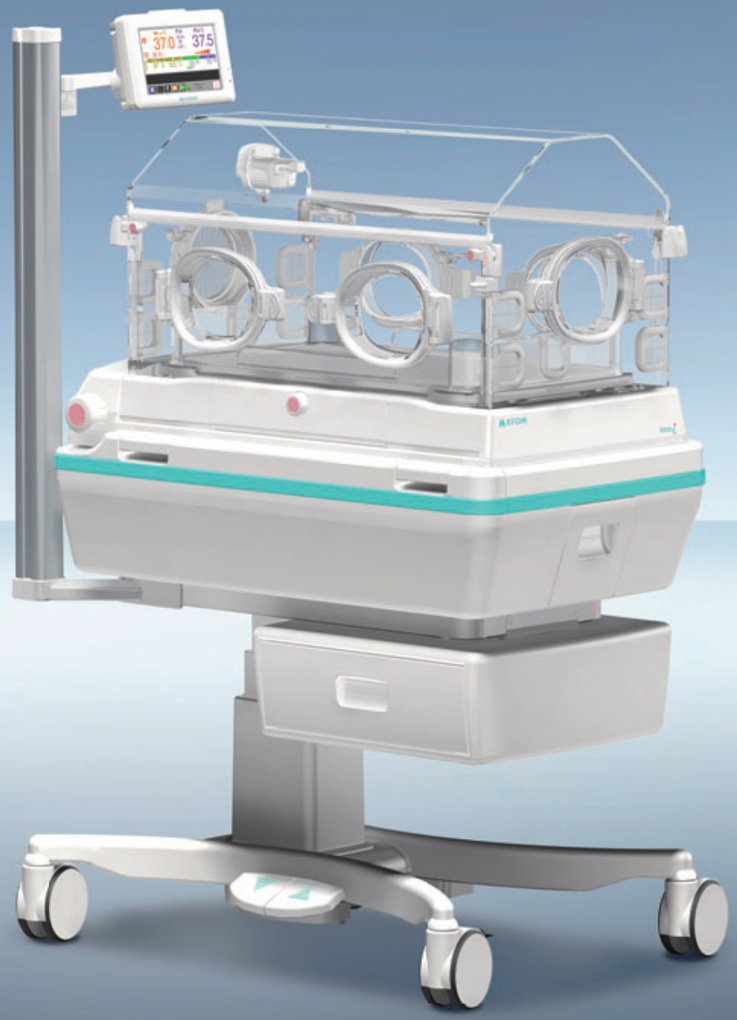
CE 0123

Incu*i*

ATOM

New Generation

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



* The drawer shown is optional

Basic requirements of an infant incubator

Friendliness

Improve work efficiency and protect the infant from stress.

Reliable performance

Basic features of an infant incubator are incorporated.

Work efficiency of the medical staff is improved.

◆ Make the utmost use of workspace around the incubator

Peripheral equipment can be easily mounted to the F-rail pole.

◆ Touch control panel

Color display offers intuitive operation and easy identification of each parameter.

◆ Trend display

The trend display function helps identify changes in the infant's vital signs and the environment within the incubator.
(Air temperature/Skin temp 1, 2./
Relative humidity/Oxygen concentration/
Heater output/SpO2/Pulse rate)

◆ Weight monitor

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

◆ Compact design

The compact size enables you to minimise the risk of infection when accessing the infant.

Silent operation for developmental care.

◆ Snap-open access ports can be opened and closed silently

The infant is protected from the stress of acoustic stimulation caused by opening and closing the access ports.

◆ Rotary damper for silent operation of the admittance panel

The admittance panel can be pulled down slowly and silently to reduce the infant's stress from acoustic stimulation.

Safety for the infant is improved.

◆ Double lock system

The double lock system prevents the admittance panel from opening accidentally.

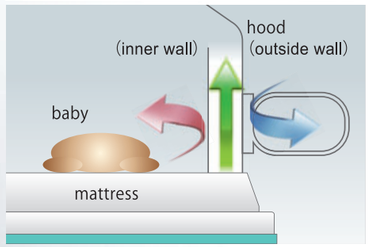
Prevention of temperature loss

◆ External X-ray cassette tray protects the infant from stress

The X-ray cassette can be drawn out from either side of the incubator without opening the admittance panel.

◆ Air curtain to minimize a drop in the incubator air temperature

The air curtain prevents ambient air from entering the incubator even when a snap-open access ports are opened.



◆ Excellent visibility

Condensation does not accumulate when using continuously high humidification levels.

Prevention of infection

◆ Easily detachable humidity chamber

The humidity chamber can be detached and cleaned easily.

◆ Sanitary structure for thorough cleaning of the unit

The component parts of the incubator can be detached and cleaned easily.

◆ Mattress platform tilting function

The mattress platform can be tilted without opening the front admittance panel.

◆ Electro static filter

A dirty filter can be checked through the transparent window. The filter is easily exchanged without using any tool.

* The drawer and the F-Rail Pole shown are optional

Line Up

Incu *i*	Atom Infant Incubator 101
Atom's code	Description
61605	with O_2 Controller, for AC120V±10%
61606	with O_2 Controller, for AC230V±10%
61607	without O_2 Controller, for AC120V±10%
61608	without O_2 Controller, for AC230V±10%

(add-on)	
Atom's code	Description
61615	Weight Monitor Unit
61621	SpO_2 Unit (Masimo)
61622	SpO_2 Unit (Nellcor)

Specifications

Power requirements	Main body:Customer specified Power consumption:600VA (Maximum)
Classification	Class I,Type BF
Temperature control	Skin temperature setting range:34.0～37.5 ℃/93.2～99.5°F (servo control) 37.6～38.0℃/99.7～100.4°F (over ride) Skin temperature display range:30.0～42.0℃/86～107.6°F Incubator air temperature setting range:23.0～37.0℃/73.4～98.6°F (manual control) 37.1～39.0℃/98.8～102.2°F (over ride) Incubator air temperature display range:20.0～42.0℃/68～107.6°F Heater output:0～100% (in 10 levels) Alarms:high temperature, set temperature, skin temperature probe
Humidity control	Relative humidity setting range:40～95%Rh Relative humidity display range:15～99%Rh Maximum relative humidity:≧90%Rh Alarms:humidity sensor, low water level, no water, humidity chamber off, set humidity
Air velocity	10cm/s or below
Noise level	Approx. 41dBA (without humidification) Approx. 44dBA (with humidification)
Mattress tilting range	13°
External display	8.5 inches (TFT-LCD)
Dimensions	Main body (with the stand):68(W)×107(D)×138～178(H)cm Mattress surface:80～120cm in height Mattress surface (with Weight Monitor Unit):81.5～121.5cm in height External display:24.5(W)×6.5(D)×16(H)cm Mattress:65(W)×36.5(D)×2(T)cm
Weight	Approx. 100kg Approx. 104kg (with Weight Monitor Unit)
Accessories	Skin Temp Probe, 5mm O.D (Y) .....1 Pneumoclean .....1 Dust Cover .....1 Access Port Cover .....2 Oxygen Sensor (with O_2 Controller) ...2 Piping Connecting Hose 3m (For Oxygen) (with O_2 Controller) ...1 Operation Manual ...1

O_2 Controller

Control mode	Servo control
Setting range	22～65% (in 1% increments)
Display range	15～105%
Measurement accuracy	±2% O_2 (15～25%O_2) ±3% O_2 (25～100%O_2)
Calibration	21%O_2
Alarms	oxygen sensor, oxygen concentration, oxygen flow rate, oxygen sensor not calibrated

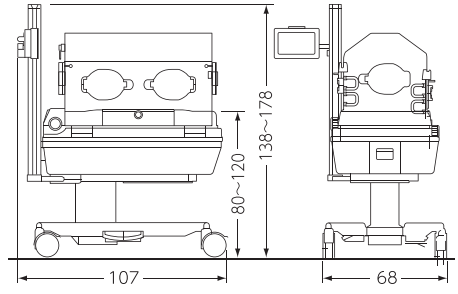
SpO_2 Unit [Masimo/Nellcor] (add-on)

SpO_2	Display range:1～100% Accuracy (in 70-100%)±3% Alarm function setting range: Upper limit 50～99%, OFF Low limit 45～95%, OFF
Pulse rate	Display range:25～240bpm Accuracy (in 25-240bpm)±3% Alarm function setting range: Upper limit 80～240bpm, OFF Low limit 35～180bpm, OFF
Mode (Masimo) (Nellcor)	Averaging time: 4,6,8,10,12,14,16sec. Sensitivity setting: APOD, Normal, Max FastSat:ON, OFF SatSeconds:10,25,50,100, OFF Response:Normal, Fast

Weight Monitor Unit (add-on)

Weighing	7000g
Scale interval	1g (without official Verification) 5g (without official Verification)

Dimensional drawing
Unit:cm



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