Air Incu i

Infant Incubator

ATOM

Our greatest satisfaction is to see a smile on the face of babies, family members, and healthcare professionals.

The **Air Incu i** has been developed for premature and preterm infants all over the world.

Air Incu i

for Babies

Based on years of experience, we have developed the Air Incu i using the latest technology in temperature control.

for Caregivers

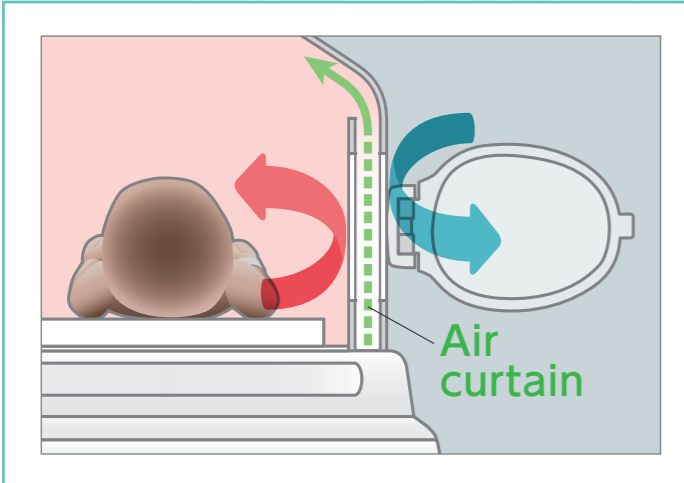You can solve problems in your clinical practice.

* The drawers shown are optional.

for Babies

Based on our experience over more than 70 years,
we are able to provide a baby-friendly environment.

Minimal handling

A built-in weight monitor allows the neonate to be weighed inside the incubator.
Body weight is measured in 1g increments allowing for slight increases or decreases to easily be identified.

Night mode

Display can change to "Night mode".

Air curtain of access port

The Air curtain, one of the standard features of the Air Incu i, prevents the temperature inside of the incubator from decreasing as much as possible, when opening a snap-open access port.

Air curtain

Humidity control

Adjustable humidity control allows up to 95% relative humidity to be produced, meeting humidification requirements.

for Caregivers

Based on our experience over more than 70 years,
we are able to provide an incubator which is very user friendly.

Touch screen

High scalability

Extensive options and add-ons ensure
that the Air Incu i can be tailored to suit
the caregiver's needs.
- Oxygen Controller Unit
- Weight Monitor Unit
- SpO2 Unit (Masimo/Nellcor)

Stands

Multiple stand options are available to best
suit your nursery requirements.
Choose either "High-Low Stand" or
"Cabinet Stand".

Hood disassembly

The hood that can be disassembled with
no tool helps to increase the ease of cleaning.
Should any part of the hood be broken or damaged,
the individual part can be replaced helping to
reduce the maintenance costs.

Jointless hood structure

Jointless hood minimizes the chance that
surfaces are left unwiped/unclean.
Jointless design ensures a visibility of
the inside of the incubator.

Reduction in the number of packings

Cleaning efficiency has been increased with
reduced number of packings.
A reduction in the number of periodic
replacement parts has improved the ease of
maintenance and reduced running costs.

Electrostatic filter

The cleanliness level of the filter is easily visible and can be easily
replaced when required.

Humidifier

The humidity chamber can be easily removed from
the incubator for complete cleaning ensuring that
no residual water is left which can be a source of infection.

* Please note that some products may not be available in all regions.

Products Lineup & Add-on Unit

Air Incu *i*

Main Unit

Atom's code	Description
62060	w/ humidity controller AC120V±10%
62062	w/ humidity controller AC230V±10%

Add-on Unit

Atom's code	Description
62070	O₂ Controller Unit for Air
62071	Weight Monitor Unit for Air
61621	SpO₂ Unit (Masimo)
61622	SpO₂ Unit (Nellcor)

Specifications

Air Incu *i*

Power requiement	Main body : Customer specified HL Stand : Customer specified
Power consumption	Main body : 600VA HL Stand : 120VA
Frequesncy	Main body : 50/60Hz HL Stand : 50/60Hz
Type of protection	Class I
Degree of protection	Type BF applied part
Classification	IIb, Rule 9
Dimensions	Main body (w/ HL Stand) : 1015(W)x665(D)x1450〜1650(H)mm Mattress surface : 845〜1045mm (w/ weight monitor : 865〜1065mm) Main body (w/ Cabinet Stand) : 1015(W)x565(D)x1580(H)mm Mattress surface : 975mm (w/ weight monitor : 995mm) External display : 220(W)x50(D)x140(T)mm Mattress : 650(W)x365(D)x20(T)mm
Weight	Main body : Approx. 47kg HL stand : Approx. 35kg Cabinet stand : Approx. 30kg
External display	Liquid crystal (TFT-LCD)
Incubator air temp. setting range	23.0〜37.0℃ / Override 37.1〜39.0℃
Incubator air temp. display range	20.0〜42.0℃
Incubator air temp. display accuracy	±0.3℃
Skin temp. setting range	34.0〜37.5℃ / Over ride 37.6〜38.0℃
Skin temp. display range	30.0〜42.0℃
Skin temp. display accuracy	±0.3℃
Heater output	0〜100% (in 10 levels)
Relative humidity setting range	40〜95%Rh
Relative humidity display range	15〜99%Rh
Relative humidity display accuracy	±10%Rh
Alarms	Fan, System failure, Power failure, High temp, Set temp, Skin temp probe, Humidity sensor, Low water level, No water, Humidity chamber off, Set humidity
Accessories	Skin Temp Probe 5mm O.D. (Y).....1, Pneumoclean (Electrostatic air filter).....1, Access port cover.....2, Sensor module.....1,Operation Manual...1

O₂ Controller (Add-on Unit)

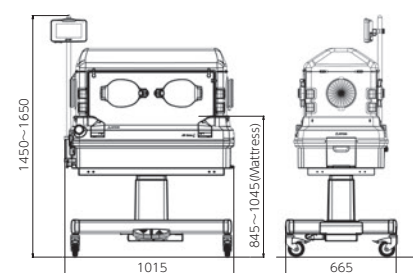| Control mode	Servo control
Setting range	22〜65% (in 1% increments)
Display range	15〜105%
Measurement accuracy	±3%O₂ (±2% at ≦25% setting)
Calibration	21%O₂
Alarms	oxygen sensor, oxygen concentration, oxygen flow rate, oxygen sensor not calibrated

SpO₂ Unit [Masimo/Nellcor] (Add-on Unit)

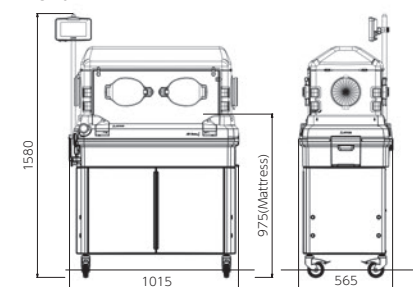|	

SpO₂	Display range:1〜100%
	Accuracy:(in 70〜100%)±3digits
	Alarm function setting range:
	  Upper limit:50〜99%, OFF
	  Lower limit:45〜95%, OFF

Pulse rate	Display range:25〜240bpm
	Accuracy:(in 25〜240bpm)±3digits
	Alarm function setting range:
	  Upper limit:80〜240bpm, OFF
	  Lower limit:35〜180bpm, OFF

Mode	Averaging time: 4,6,8,10,12,14,16sec.

(Masimo)
 	
(Nellcor)
	Sensitivity setting:
	  APOD, Normal, Max
	  FastSat:ON, OFF
	SatSeconds:10,25,50,100, OFF
	Response:Normal, Fast

Weight Monitor Unit (Add-on Unit)

Weighing range	300〜7000g
Scale interval	1g

Dimensional drawing   w/ HL Stand
Unit : mm

Dimensional drawing   w/ Cabinet Stand
Unit : mm

MADE IN JAPAN

Atom Medical products are produced under strict production control in Japan.
We provide value and trust of the highest quality for the tiny baby's lives in the world.

ATOM MEDICAL CORPORATION

https://www.atomed-global.com