

*Incu*i**



New Generation

Incu 

Comfortable operation and safety pursued through nurse's viewpoints Standard model to support daily nursing care



* The drawer shown is optional

Operability

Work efficiency of medical staff is improved.

■ **Touch control panel**

The touch control panel can be operated smoothly from either side of the incubator with superior visibility.

■ **Built-in oxygen controller and pulse oximeter***

The built-in oxygen controller and the pulse oximeter* support easily and safety administration of oxygen. *Optional

■ **Rotary damper for more silent operation of the admittance panel**

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

■ **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 port is opened.

■ **X-ray cassette tray to protect the infant from the stress**

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



Touch Control panel



X-ray cassette tray

Safety

Safety for the infant is improved.

■ **Baby guards**

The baby guard can prevent the infant from falling off the mattress.

■ **Double lock system**

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

■ **Mattress platform tilting knob operable from outside the hood**

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



Baby guards

Prevention of infection

The infant is protected from the risk of infection.

■ **Sanitary structure for thorough cleaning of the unit**

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

■ **Easily detachable humidity chamber**

The humidity chamber can be detached and cleaned easily.

■ **Electrostatic filter visible from outside the incubator**

The condition of filter can be checked for dirtiness from outside the incubator. The replacement of filter is very easy.



Humidity chamber

Line Up

Incu *i*

Brand name: Atom Infant Incubator 101

Weight monitor	△*2
Pulse oximeter*1	△*2
Oxygen Control	●*3
Humidity control	●*3

*1: Both Masimo and Nellcor pulse oximeter are available optionally depending on customer's demand.

*2: △: Add-on unit

*3: ●: Standard unit

Specifications

Power requirements	Main body:Customer specified Power consumption:600VA (Maximum)
Classification	Class I,Type BF
Temperature control (Incubator mode)	Skin temperature setting range:34.0~37.5 °C/93.2~99.5°F Skin temperature display range:30.0~42.0°C/86~107.6°F Incubator air temperature setting range:23.0~37.0°C/73.4~98.6°F Incubator air temperature display range:20.0~42.0°C/68~107.6°F Heater output:0~100%(in 10 levels) Alarms:high temperature, set temperature, skin temperature probe
Pulse oximeter	SpO ₂ display range:1~100% SpO ₂ Pulse rate display range:25~240bpm Alarms:SpO ₂ high limit, SpO ₂ low limit, pulse rate high limit, pulse rate low limit
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
Oxygen control	Oxygen concentration setting range:22~65% Oxygen concentration measurement range: 15~105% Alarms:oxygen sensor, oxygen concentration, oxygen flow rate, oxygen sensor not calibrated
Weight monitor	Weight measurement range:300~7000g/0.66~15.4 lb (in automatic mode) Display interval: 1g Weighing mode:manual, automatic
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 the weight monitor) :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)
Accessories	Skin temperature probe ...1 Pneumoclean (electrostatic filter) ...1 Dust cover.....1 Access port cover 2 Oxygen sensor ... 2 Piping connecting hose ...1

Atom Medical Corporation maintains a continuing product improvement program, and therefore the equipment actually purchased and received may differ in specifications and/or configuration from that shown in the catalog.

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