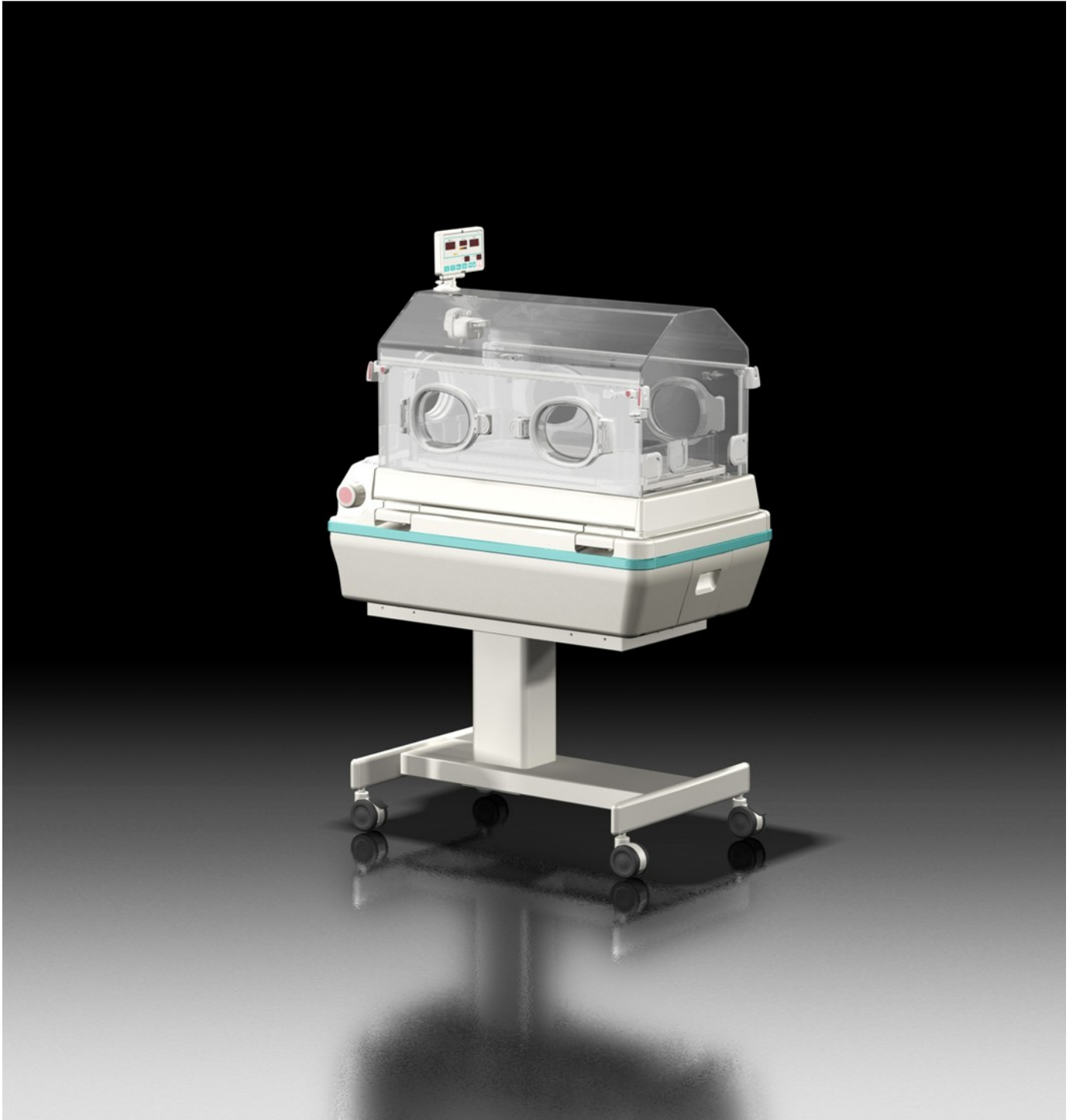


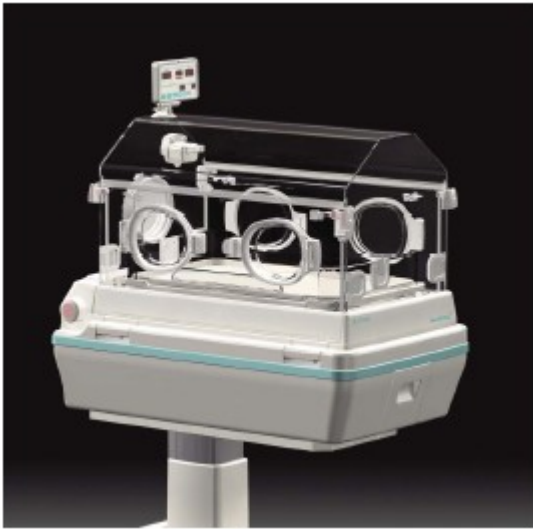
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# *Neo-Servo*

ATOM Infant Incubator

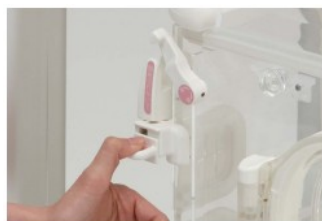
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### A double-lock mechanism for the improved safety of the front admittance panel

The entire front panel opens fully for procedures. The wide front admittance panel enables you to place and remove the infant or an oxygen head box with ease. In addition to the knob operated, locking mechanism, a front admittance panel stopper is provided for automatically locking the front admittance panel when closed.



### The air circulation system to reduce infant's heat loss

The air circulation system allow warm air to continuously flow between the inner wall and the outer wall on the front side and the rear side of the hood. It creates an even and uniform distribution of the incubator air temperature as well as minimizes the infant's radiant heat loss by warming the inner walls of the hood. It also minimizes the infant's convective heat loss by keeping the air circulation flow at a low rate. Even when the front admittance panel is open, the incubator air temperature is maintained by the warm air flowing up from below the front admittance panel and thus shutting out the ambient air.

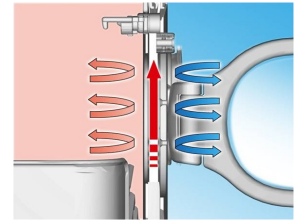
### Hi-Low Stand

Hi-Low Stand is also available as user's demand. Electrical Height adjustment with double pedals (front and rear side). The height is adjusted up to 40 cm.



### Hands-Free Door Latches and Air-curtain

Hands-free door latches can be opened and closed silently with the touch of the elbow. It reduces the risk of contamination. Even when the door is open, the internal atmosphere is maintained thanks to the air-curtain flowing up through dual wall panel.



### Mattress platform with smooth continuous tilt

The mattress platform can be smoothly tilted to desired angle up to 13 degrees by operating its continuous tilting mechanism. The tilting levers are accessible externally from both directions. When the access panels are open, the mattress platform can be slid both sides

### Electrostatic filter system keeps a clean environment

The electrostatic filter is much more efficient in collecting and retaining dust than conventional air filters and easy to check from transparent window and replace without using any tool.



### Precise thermal control to maintain an optimal environment for the infant

Two temperature control modes are available: servo control and manual control. An override function, which enables a higher temperature setting (including air temperature and skin temperature), is also provided.

### Servo-humidity control

Servo-controlled humidity chamber is a cassette type and inserted in the canopy. There are two humidity sensors to detect "Near Empty" and "Empty" Water Level Alarms.

The humidification system is realized with active injection of sterile water steam through boiled water (100 °C) and precisely maintains the relative humidity at a constant level in the incubator. Water tank and internal boiler is easily removable for cleaning and disinfection.



## Specifications

<b>Power requirements</b>	Customer specified Power consumption : 600VA (Maximum)
<b>Classification</b>	Class I, Type BF
<b>External display</b>	8.5 inches LED
<b>Temperature Control</b>	Temperature setting range : Skin temperature (Servo Control) : 34.0 - 37.5°C Incubator air temperature (Manual Control) : 23.0 - 37.0°C Temperature display range : Skin temperature : 30.0 - 42.0°C Incubator air temperature : 20.0 - 42.0°C Heater output indication : 0-100% (in 10 levels) Alarm : High temperature, set point, power failure, fan, skin temperature probe and system failure
<b>Humidity control</b>	Humidity control mode : Servo Control Humidity setting range : 40-95% RH Humidity display range : 15-99% RH Maximum humidity : $\geq 90\%$ Alarm : Selected humidity, humidity sensor, humidity chamber off and low water level
<b>Dimensions</b>	With HL stand : 60(W) X 100(D) X 138 - 168 (H)cm (without display) Mattress surface : 86-106cm External display : 18(W) X 6(D) X 11(H)cm Mattress : 65(W) X 36.5(D) X 2(H)cm
<b>Weight</b>	Approx. 90kg (Main unit: Approx. 50kg)
<b>Accessories</b>	Skin temperature probe .....1 F-6E electrostatic filter .....1 Dust cover .....1 Access port cover .....2

Note: Information in this document is subject to change without notice.

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