
Infa Warmer

ATOM Infant Warmer



From the delivery room to NICU—Meets wide needs with substantial functions and features.

Superior operation performance and functionality will support daily nursing care.

Pre-heating function

Pre-heating condition enables to treat a baby under warm condition right after delivery.

Far-infrared radiation

High warming efficiency thanks to Far-infrared radiation.

CPR timer

Integrated CPR timer in compliance with the international resuscitation consensus. APGAR timer is also integrated.

Adjustable LED light

Even if the canopy is tilted, baby's skin color can be clearly checked thanks to the LED light. Light intensity can be adjusted.

Drawer

Drawer is available as an option. The drawer is closed very silently in order to minimize the sound stress to a baby.

Baby Guard

Thanks to rotary damper, the baby guard can be opened very silently without touching.



LED Light



Canopy



X-ray tray



Hi-Low Stand

Add-on Unit

As add-on unit for Infant Warmer, two kinds of resuscitation unit are available depending on user's demand.

Resuscitation Unit 104

Resusci—flow is integrated for safety resuscitation treatment.

- Manometer
- Resusci—flow
- Suction unit
- O2 Blender



Resuscitation Unit 105

Oxygen Blender and manometer is integrated.

- Manometer
- O2 Blender
- Suction Unit



Specifications

Atom Infant Warmer Model 103

Power requirements	Customer specified Power consumption : 700VA (Maximum)
Heater capacity	500W
Classification	Class I, Type BF
Dimensions	84(W) X 110(D) X 178-218(H)cm (Mattress surface : 80-120cm)
Weight	105kg
Temperature control	Servo control (Manual control also available)
Skin temperature	Setting range : 34.0-38.0°C Display range : 30.0-42.0°C
Heater output	Setting range : 0-100% (in 5% increments) Indication range : 0-100 (in 10 levels)
Alarms	Skin temperature, skin temperature probe, check baby, system failure, main failure, canopy state
Timer	Time display range : 0-60minutes 00 seconds (in 1 second increments) APGAR mode /CPR mode switchable
Lighting	LED lamp Adjustable illumination intensity 0-1200lux
Mattress platform angle	Inclination angle (back and forth) : +13°~-13°
Communication port	RS-232
Accessories	Skin temperature probe (yellow)1 Dust cover1 Mattress sheet1

Pulse Oximeter Unit

Display range	1-100%SpO2
Averaging time	8, 4, 16 seconds (Selectable)
SpO2 alarm setting range	Upper limit : 50-99% (in 1% increments) Lower limit : 45-95% (in 1% increments)
Pulse rate display range Pulse rate alarm setting range	25-240bpm Upper limit : 80-240bpm, OFF Lower limit : 35-180bpm, OFF (in 5bpm increments)
Alarms	SpO2 high/low limit, pulse rate high/low limit, SpO2 sensor

Resuscitation unit 104

Manometer	Pressure indication : -2 ~ 8 kPa (-20 ~ 80cmH2O)
Suciton unit	Suction pressure control range : 0 ~ 26.7 kPa (0 ~ 200mmHg)
O2 Blender	Oxygen concentration control range : 21 ~ 100% Oxygen flow rate control range : 0 ~ 15L/min.
Resusci-flow unit	PMAX setting range : 19 ~ 58 kPa (20 ~ 60cmH2O) Default setting range : 39 kPa (40cmH2O)

Resuscitation unit 105

Manometer	Pressure indication : -2 ~ 8 kPa (-20 ~ 80cmH2O)
Suciton unit	Suction pressure control range : 0 ~ 26.7 kPa (0 ~ 200mmHg)
O2 Blender	Oxygen concentration control range : 21 ~ 100% Oxygen flow rate control range : 0 ~ 15L/min.

Model Number	Model 103	
Power Requirement	AC120V	AC220-240V
SpO2 Masimo	△	△
SpO2 Nellcor	△	△
Weight Monitor	△	△
Optional Add-on Unit		
Resuscitation unit 104 PV	△	△
Resuscitation unit 104 EV	△	△
Resuscitation unit 105 PV	△	△
Resuscitation unit 105 EV	△	△

△ : Add-on Unit

<Note>

104 PV: T-Piece Resuscitation Unit with Blender and Suction Unit (connect to central piping system)

104 EV: T-Piece Resuscitation Unit with Blender and Suction Unit of ejector type to make suction operation possible where no suction line is available

105 PV: O2 Blender Unit and Suction Unit (connect to central piping system)

105 EV: O2 Blender Unit and Suction Unit of ejector type to makes suction operation possible where no suction line is available

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