

# Neo Cot

## Operation Manual

ORIGINAL




This Operation Manual deals with the specifications, operations, and maintenance of the Neo Cot, and indicates precautions for using the unit safely. Read this Manual carefully and familiarize yourself with its contents before operating the unit.

- The unit you purchased may slightly differ from the content of this Manual due to product revisions, etc.
- Atom is by no means responsible for any malfunction arising from a user ignoring the instructions for operation and maintenance described in this Manual.

Keep this Manual where it is readily accessible for reference when needed.








### CAUTION

-  The unit is shipped without being disinfected. Be sure to clean and disinfect the unit before using it for the first time after purchase.

## [1] INTENDED USE

The Neo Cot is intended to be used for safely holding neonates for the observation of treatment and prognosis.

## [2] DEFINITION OF SYMBOLS







Symbol	«Title» and indication	Symbol	«Title» and indication
	«General attention» Indicates unspecified general warning or caution.		«Load capacity» Indicates the maximum load capacity.
	«General prohibition» Indicates unspecified general prohibition.		«Manufacturer» This symbol indicates the name and the address shown adjacent to the symbol is of the manufacturer.
	«General instruction» Indicates unspecified general action on the part of the user.		«Authorised representative in the european community» This symbol indicates the name and the address shown adjacent to the symbol is of the authorised representative in the European Community.
	«Date of manufacture» Indicates the date when the unit was manufactured in the factory.		

## [3] SAFETY PRECAUTIONS



Please follow the operating instructions described in this Manual for the safe use of the unit.

The unit should be used only for its intended use.

### 3-1. WARNING

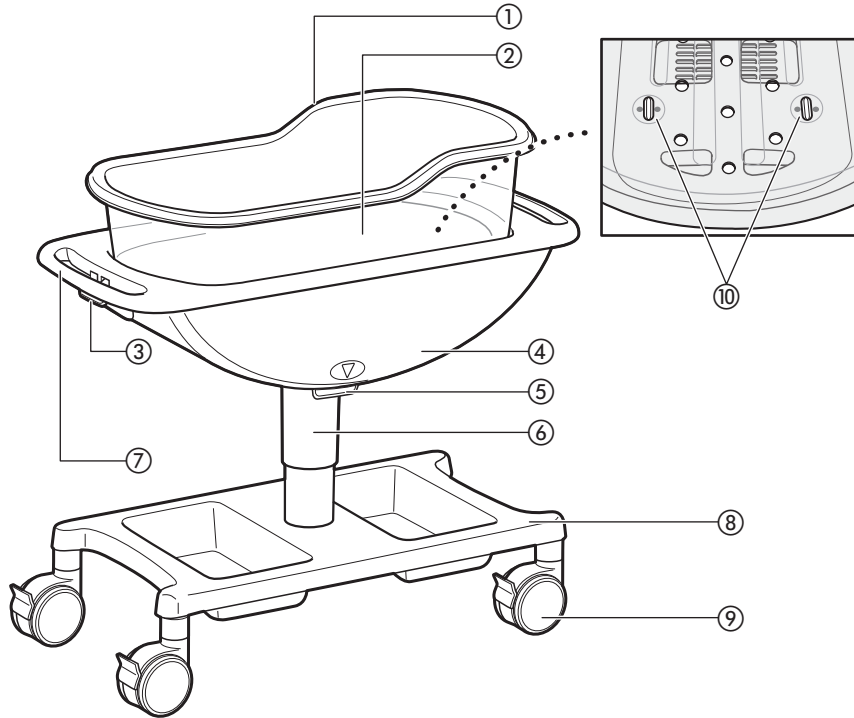
-  Only use the unit at an officially recognized medical institution or medical facility.
-  Only those who have received appropriate training and instructions should operate the unit.
-  Do not give a shock to the unit or let it hit anything.  
The screws or fixed parts may become loose, which can cause injury.
-  Do not allow maintenance or repair by a party other than technical personnel belonging to or authorized by Atom.  
The screws or fixed parts may become loose, which can cause injury.
-  Do not use the unit with two or more infants.  
It is designed for one infant. Using the unit with two or more infants may cause damage to it or make it fall down, which can cause injury.
-  Report any serious accidents related to the unit to the manufacturer and the regulatory authority of the country in which the unit is used.

### 3-2. CAUTION

-  Place the unit on a stable surface.  
Placing the unit on an unstable platform or a tilted surface will cause it to fall or drop and may hurt someone.
-  When operating the unit, perform an adequate safety check of the surrounding area.  
Otherwise the unit may hit something or fall down, which can cause injury.

- ⊘ Do not climb on or lean on the unit. Do not apply a load of 5 kg or more to the handle. Otherwise the unit may fall down or drop down, which can cause injury.
- ! Use the transparent cot with the correct orientation. Failure to do so may cause injury.
- ! Be sure to cover the mattress with an appropriate mattress sheet.

#### [4] Parts Identification



No.	Name	No.	Name	No.	Name
①	Transparent cot	⑤	Height adjustment lever	⑨	Caster
②	Mattress	⑥	Adjustable support column	⑩	Cot lock levers
③	Tilt lever	⑦	Handle		
④	Mattress platform	⑧	Base cover		

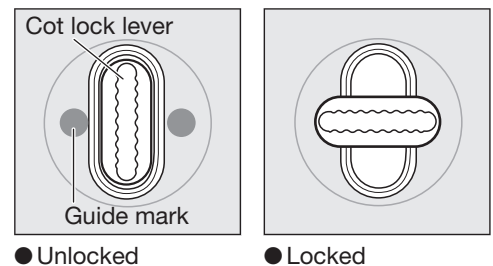
#### [5] Preparation before Use

##### 5-1. Locking the Transparent Cot

After placing the transparent cot on the mattress platform, rotate the four cot lock levers on the mattress platform 90 degrees to lock them, as indicated by the pink guide marks.

### ! CAUTION

- After locking the transparent cot, make sure to confirm that it is locked securely in all four locations.
- Before using the unit, make sure to confirm that the transparent cot is locked securely in all four locations.
- Before using the unit, confirm that the transparent cot and enclosure are free of damage and deformation.



● Unlocked

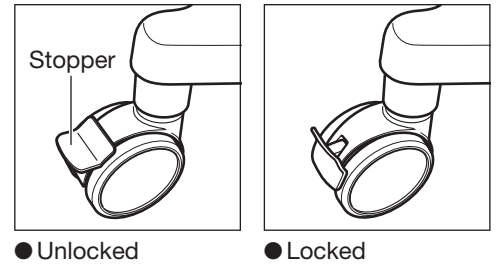
● Locked

## 5-2. Locking the Caster

After moving the unit to the desired position, lower the four caster stoppers to the lock position. To unlock a caster, raise the stopper.

### CAUTION

- After locking the caster, make sure to confirm that it is locked securely in all four locations.



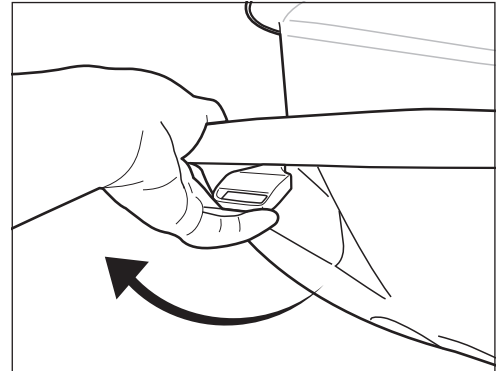
## [6] Operation Method

### 6-1. Tilting the Mattress Platform

To tilt the mattress platform to an arbitrary angle, pull up and unlock the tilting lever at the front of the mattress platform.

### CAUTION

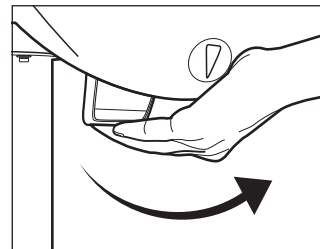
- Do not apply more force than is necessary when tilting the mattress platform.
- Before using the unit, confirm that the mattress platform can be smoothly tilted and that it locks when tilted.



### 6-2. Adjusting the Height of the Mattress Platform

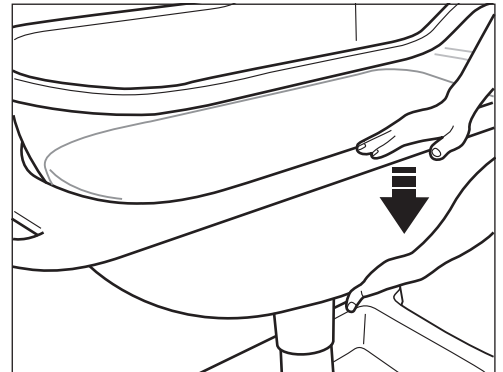
To unlock, pull up the height adjustment lever on the side of the mattress platform.

To raise the height of the mattress platform, grip the lever and apply a small amount of force to lift it up. To lower the height of the mattress platform, grip the lever and push down the edge of the mattress platform in its center as indicated in the diagram on the right.







### CAUTION

- Do not apply more force than is necessary when adjusting the height of the mattress platform.
- To lower the height of the mattress platform, push down the edge of the mattress platform in its center. Trying to push down the front of the mattress platform will apply too much force to the unit, and may cause it to break.
- Before using the unit, confirm that the height of the mattress platform can be smoothly adjusted and that it locks when adjusted.



## [7] Cleaning and Disinfection

### CAUTION

-  Clean and disinfect the unit whenever you notice dirt or stains which might cause an infection.
-  The unit is shipped without being disinfected. Be sure to clean and disinfect the unit before using it for the first time after purchase.
-  See the accompanying document of the disinfectant you are going to use for appropriate concentration, contact time and handling. Follow the directions for use and dosage and precautions given in the document.
-  Clean and disinfect the unit whenever you use it for another infant.

Obtain a soft clean cloth and a disinfectant solution for cleaning and disinfection.

■Recommended disinfectant solutions include:

- Benzalkonium chloride aqueous solution (e.g. Osvan)
- Benzethonium chloride aqueous solution (e.g. Hyamine)
- Chlorhexidine aqueous solution (e.g. Hibitane)

Do not use any abrasive cloth, cleaner, alcohol, acetone or other solvent for cleaning and disinfection. Do not autoclave. Never use the above agents undiluted.

### 7-1. Caster

If hair or dust is stuck in the wheels of the caster, remove it with tweezers, etc., and wipe the wheels with a soft cloth, etc. dampened with disinfectant solution.

### 7-2. Mattress

#### Mattress filling

Either wash it in water, disinfect it in hot water (80°C) for 10 minutes, or immerse it in a low-level disinfectant solution, and then dry it in shade after wringing it out sufficiently.

If the mattress filling is exposed to direct sunlight, it may cause discoloration due to the ultraviolet rays.

#### Mattress cover/mesh cover

They can be washed in water (80°C) for 10 minutes.

Do not tumble dry the mattress filling or covers.

Doing so may cause it to shrink or warp. For details on washing methods, see the washing tag on the reverse side of the cover.

## [8] Disposal

The medical institution concerned is responsible for proper disposal of the main body and old parts past their expected life span in accordance with applicable waste disposal laws and regulations.

## [9] Technical Data

Tilt angle	0-12 degrees (freely adjustable)	
Caster	10cm in diameter, double-wheel (4 wheel stoppers)	
Load capacity	10kg (above mat)	
Dimensions	96cm (W) × 45cm (D) × 62-82cm (H)	
Weight	Approx. 27kg	
Accessories	Operation Manual ..... 1	
Operating conditions	Ambient temperature	18 to 30°C
	Relative humidity	30 to 75%
	Atmospheric pressure	70 to 106kPa
Storage conditions	Ambient temperature	0 to 50°C
	Relative humidity	30 to 75%
	Atmospheric pressure	70 to 106kPa
Expected life span	6 years	



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