



smart hood

ELECTRO-OPTICAL DARKENING INCUBATOR

GET RID OF THE COVERS

Make Them Feel In The Womb

With Smarthood's exclusive technology, no more turning off lights or using covers in neonatal intensive care units. Smarthood offers solution to your needs in neonatal intensive care units with its phototherapy and dark modes. It uses security units such as internal source battery against power failure and key lock against unintentionally touching. Are you ready to meet Smarthood?





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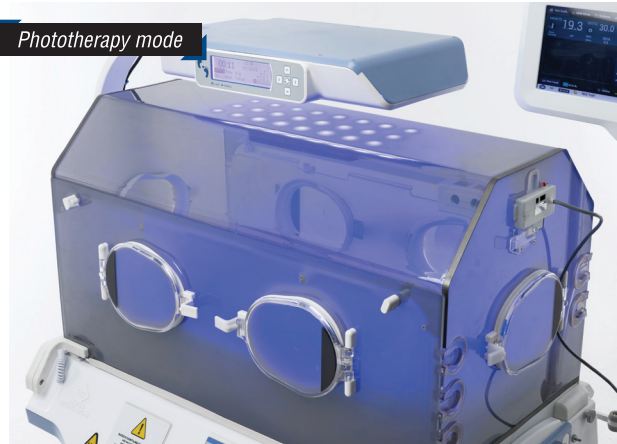
ELECTRO-OPTICAL DARKENING INCUBATOR



Functional and easy-to-use keypad



Dark mode



Phototherapy mode



Smarthood panel

The Electro-optical System Control Module provides easy switching between dark - bright mode, phototherapy mode, key lock mode via the keypad. The system can operate from grid voltage or internal battery.

In case of power failure, it automatically switches to the battery. When electricity comes back on, it switches to grid voltage and starts charging the battery at the same time.

Features

- It offers babies an environment close to the mother's womb with smart film technology.
- Blocks direct UV light transmission over 98% and visible light transmission over 75%.
- Provides the bright-dark balance with its three-mode control system.
- Access to dark-bright, phototherapy and key lock modes with the keypad.

Technical Specifications

Automatic switching between primary grid source and secondary source battery.	
Electro-optical system operating voltage	220(+-%10)VAC/60HZ
Electro-optical system switching time	<10ms
Power consumption	8 Watts
Operating temperature	-10 -- +65C
Service life	>100,000 hours
Visible light transmission reduction	%75-%80
UV transmission reduction	>%98
Working time on battery	>8 hours
Battery full charge time	12 hours (1A Max)
Automatically battery charging system (Reverse voltage protection, current limiter 1A)	



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