

G/NEVR/
neo-tech for life

BiO-SHUTTLE

Neonatal transport incubator system

BiO-SHUTTLE introduces an exciting new concept into neonatal transport incubators being a complete **modular and mobile intensive care unit system**. Indeed one of a kind having no predefined user sides capable of being used on both.

Unique **sliding doors** greatly reduce operating space in an open-position being crucial while working **into a vehicle**. The patient tray allows for **twin transportation** when required with Trendelenburg features being removable from the head side facilitating intubation operations.

The fully transparent and extended hood enables complete **patient visibility** and space for **comfortable operation** allowing **maximum access** being equipped with four portholes and three doors. The particular basement shaped according to the **spinal board** together with a special fastening system makes it compatible with any trolley type.

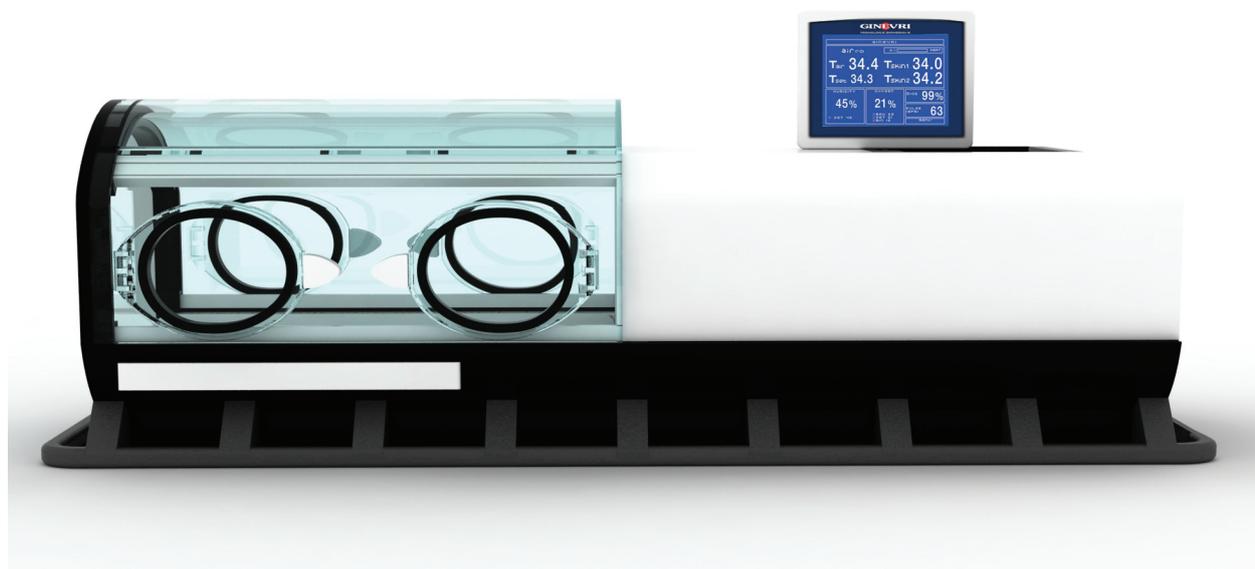
BiO-SHUTTLE is a **100% modular neonatal incubator** with fully integrated accessories. Such a solution eliminates wiring and circuits allowing easy operation. The **carbon-fiber structure** blends lightweight and compact characteristics with an harmonious design.

Transport of pathological neonates from intensive care units and dedicated centres through appropriate skills and suitable facilities is **extremely crucial** in the perinatal care.

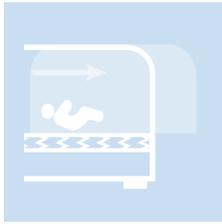
Transportation involves additional risks which can affect newborn physiological conditions.

A prognosis can be favourably influenced by **skilled transportation teams**, appropriate care and advanced technology in addition to **prompt/safe transfers**.

The main purpose is trying to achieve timely transports to units providing required care, **stabilizing the infant** before transfers yet ensuring **best assistance** while using the most appropriate structural and functional standards available **reducing any risk** of clinical issue which may occur.



Usability



SLIDING DOORS

Unique sliding doors greatly reduce operating space in an open-position being crucial while working into a vehicle.



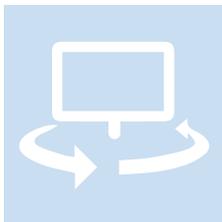
FULL PATIENT VISIBILITY

The fully transparent and extended hood enables complete patient visibility and space for comfortable operation allowing maximum access being equipped with four portholes and three doors.



USER FRIENDLY INTERFACE

The control unit consists of a 7" TFT colour touch screen display. Any parameter of the incubator and the integrated fan can be easily managed and displayed on the user-friendly interface.



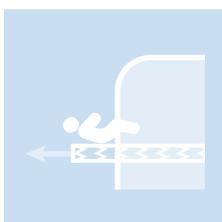
ROTATING DISPLAY TOUCHSCREEN

The 7" TFT colour touch screen display is able to turn 360 degrees allowing free choice for the monitoring time.



PULSE OXIMETER

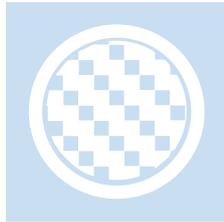
It enables both SPO2 and FC monitoring with alarm indicators (Nelcor technology).



REMOVABLE PATIENT TRAY

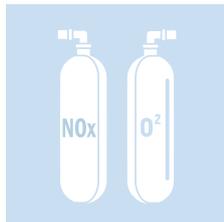
The patient tray allows for twin transportation when required, being removable from the head side facilitating intubation operations.

Easy configuration



CARBON FIBER STRUCTURE

The carbon-fibre structure blends lightweight and compact characteristics together with an innovative harmonious design.



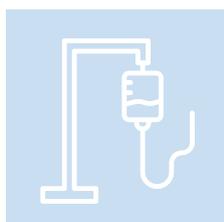
2 SLOTS FOR AIR/O₂ & AIR/NO_x CYLINDERS

Specific slots are available to accommodate 2 cylinders.



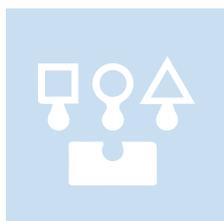
MULTIPURPOSE SHELF

Specially designed multipurpose shelf for multiparametric monitor, syringe pump, emergency ventilator, NO_x Monitor



IV POLE

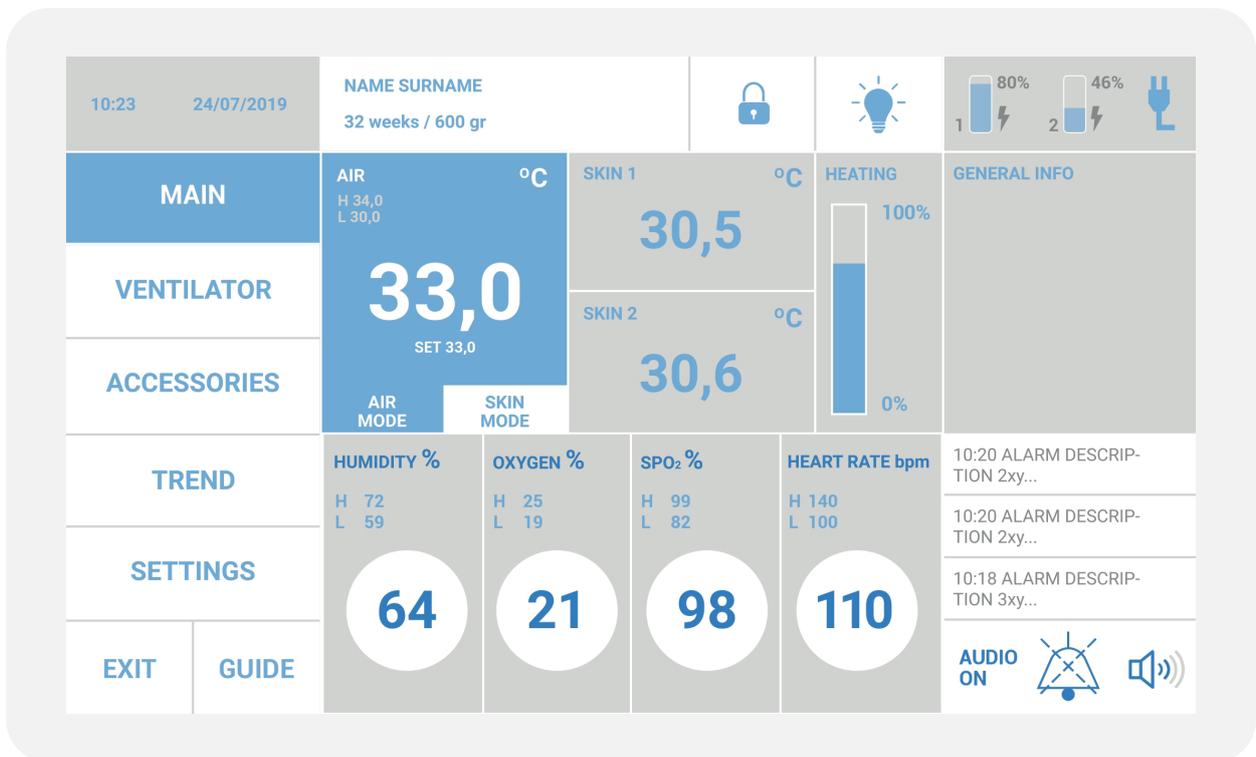
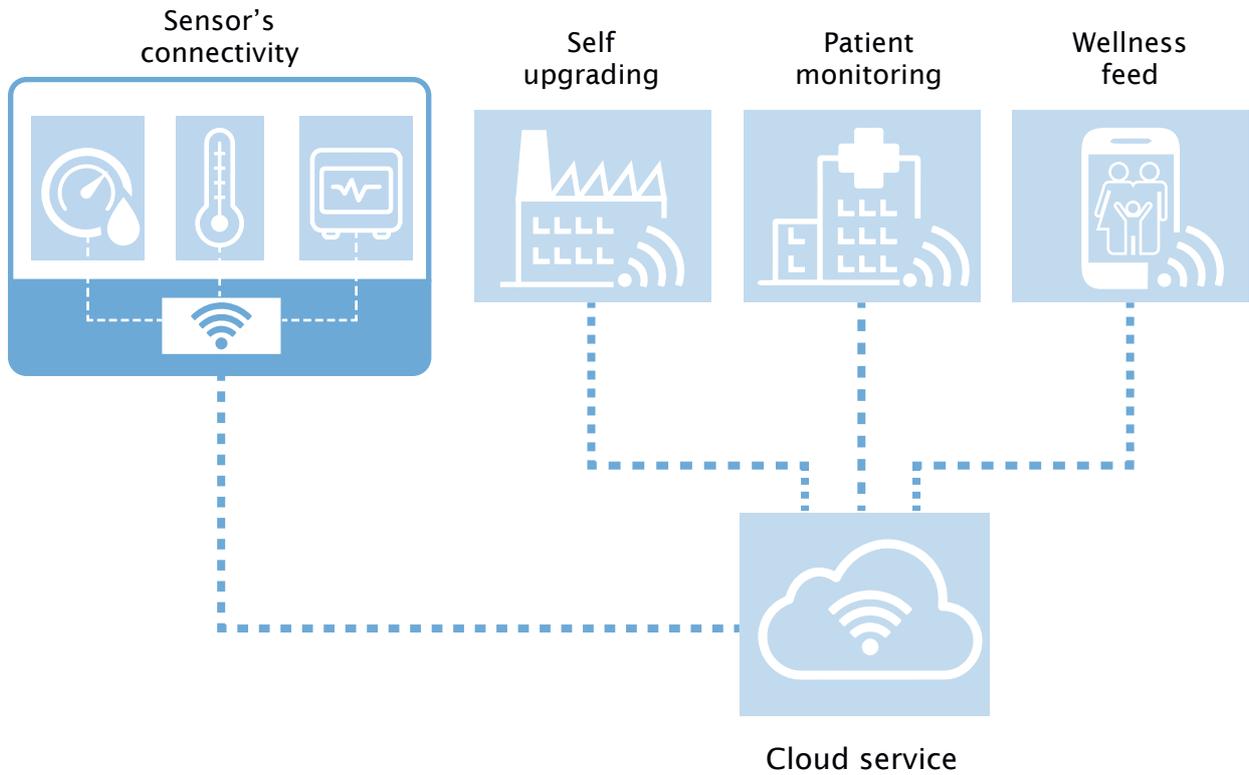
The IV pole can be properly attached to the handle by means of a steel clamp.



TROLLEY ADAPTABILITY

The particular basement shaped according to the spinal board together with a special fastening system makes it compatible with any trolley type.

IoT components



Technical specifications

MODEL	BIO-SHUTTLE
CE MARK	Yes
TRANSPORT	INCUBATOR
TEMPERATURE CONTROL	
Air:	Servo control
Range (increments):	20-39°C (0.1°C)
Skin:	Servo control
Range (increments):	20-39°C (0.1°C)
DISPLAY	LCD 10" Touchscreen
Air/SKIN/Peripheric skin TEMPERATURE Monitor:	Range: 12 - 45°C Range: 12 - 45°C Range: 12 - 45°C
RELATIVE HUMIDITY Monitor:	Range: 10 - 90%
OXYGEN CONCENTRATION Monitor:	Range: 21 - 99% (Optional)
SPO2 Monitor:	1-100% (Optional)
Pulse Rate Monitor:	20-300bpm(Optional)
TRENDS VISUALIZATION	Air Temp., Skin Temp., Peripheral Skin Temp., Relative Humidity, Oxygen Concentration (opt), SpO2(opt), Heart rate (opt) LCD
ALARMS - VISIBLE AND ACOUSTIC	YES
High/Low air temperature	YES
High/Low skin temperature	YES
Fan failure	YES
Air/skin probe	YES
Probe disconnected	YES
Max Temperature	YES
Power Failure	Optional
High/Low heart rate	Optional
High /Low SpO2	Optional
High/Low oxygen concentration	Optional
High/Low humidity	YES
HEATER POWER INDICATOR	YES
HAND PORTS	2 main doors, 4port holes, front dor
TUBING PORTS	2
INTERNAL NOISE	<45 dB
LINE POWER	90-240Vac 50/60 Hz; 12-28Vdc
INTERNAL BATTERY	24Vdc; 18Ah
Incubator Dimension	167x50x54 cm
Mattress Dimension	32x63
WEIGHT	58 kg
INTEGRATED VENTILATOR	Optional



The specifications in this catalogue are indicative. GINEVRI reserves the right to make changes, without further notice, to the products described within this catalogue in order to improve reliability, function or design.