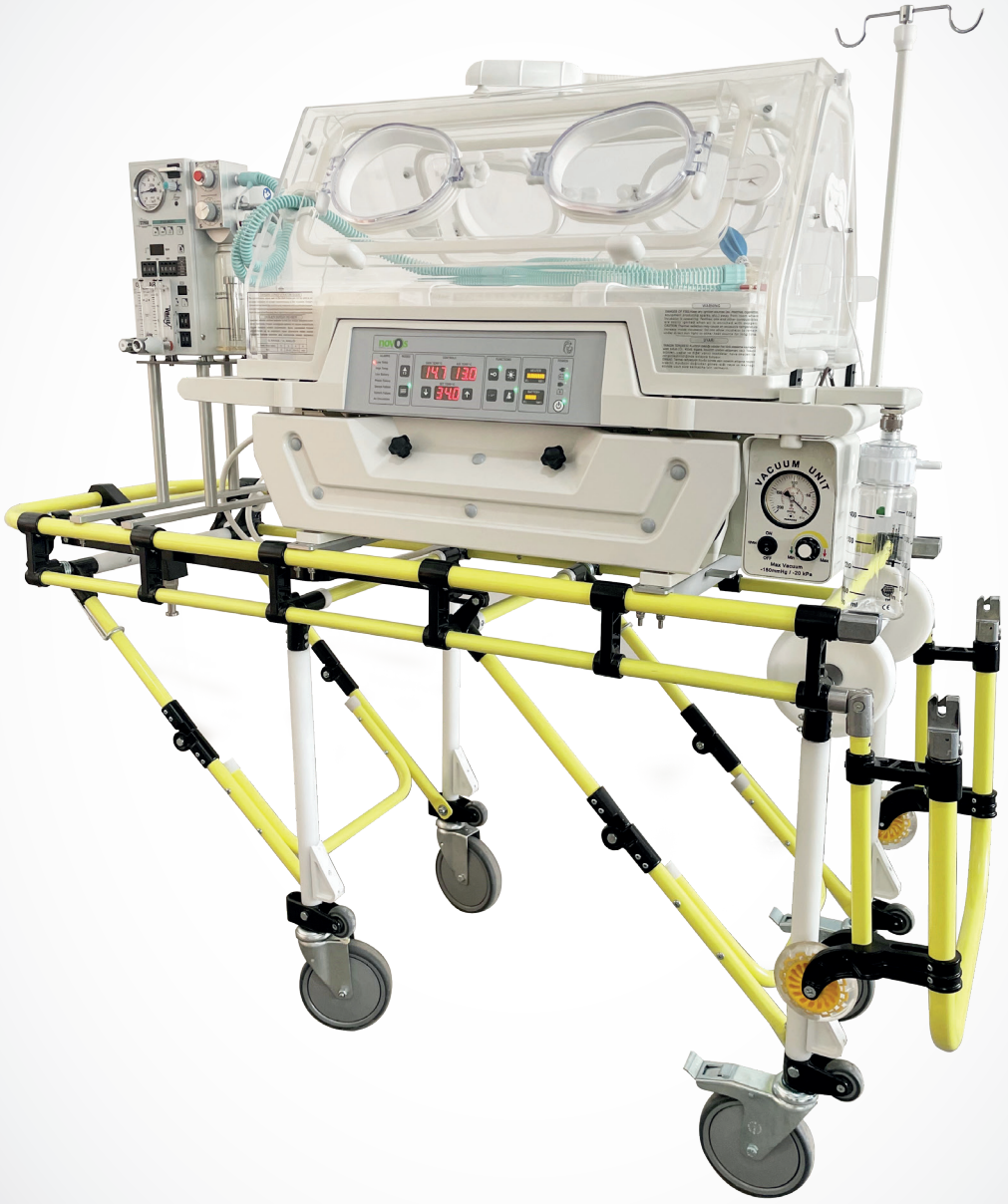
novOs
medical systems

We Save
your Precious

KT 1000

Infant Transport Incubator



We Save
your Precious

KT 1000 infant transport incubator provides a uniform and stable microclimate for the safe and efficient transport of newborns in hospital settings, as well as in ambulances and airplanes. It has been produced with advanced technology to offer optional and many features together. It helps health personnel by providing reliable treatment where many parameters can be controlled easily and with superior features.

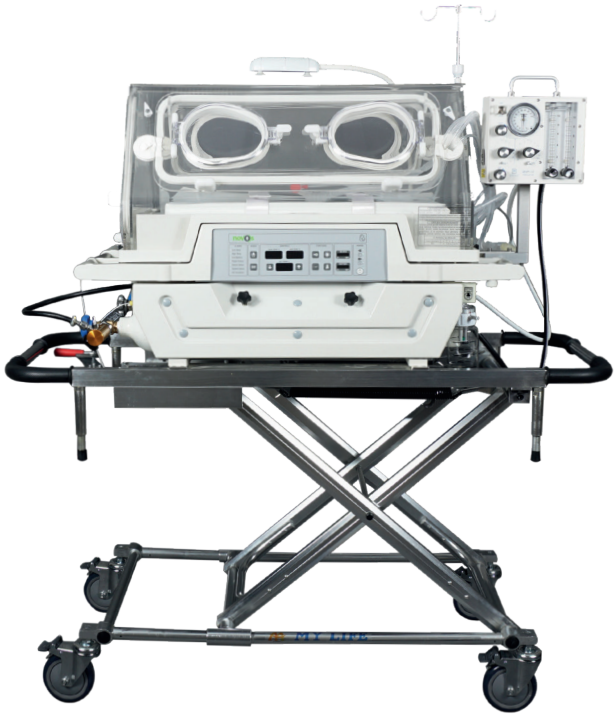
Quick Warm Up Time
KT 1000 is distinguished from its peers with its fast heating feature. It takes a fast and effective role in the treatment of newborns by heating it under 30 minutes and maintains the temperature for a long time thanks to its double wall design.

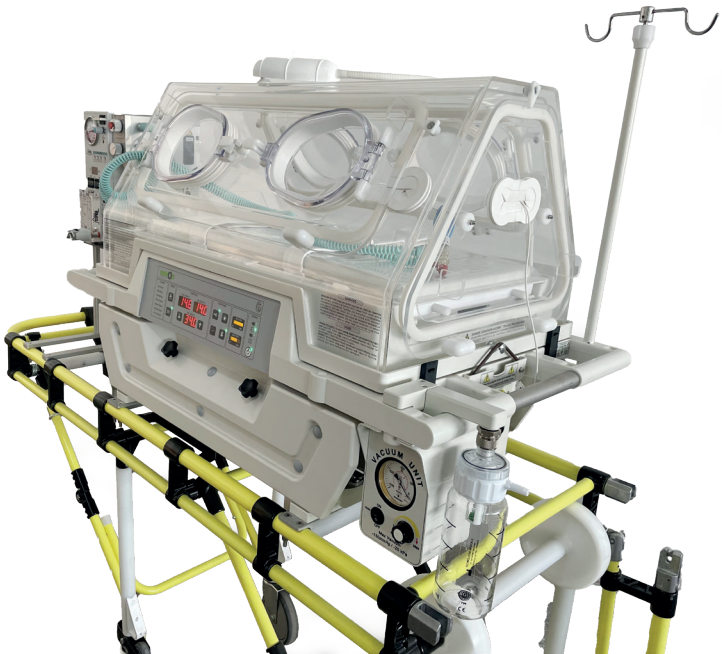
Long Battery Life
KT 1000 has an extremely effective battery usage time of 4 hours when operated at full performance and 8 hours when operated at an average performance.

Fast charging
KT 1000 battery only needs 6 hours to be fully charged.

Uninterrupted Treatment
Designed by Novos engineers, KT 1000 infant transport incubator can be used in any department, including neonatal intensive care unit, baby special care unit, intermediate care unit, newborn care unit and pediatrics, as well as in transport vehicles between hospitals.

Optional Vacuum Unit, Transport Trolley and Ambulance Stretcher
Automatic or adjustable vacuum unit is optionally available. It can be preferred according to user convenience. KT 1000 infant transport incubator can be buy with transport trolley or ambulance stretcher.





novOs
medical systems

We Save
your Precious

Flexible Power Options

KT 1000 can work with AC power supply as well as external 12V DC source or internal 12V DC batteries. The battery is automatically charged whenever the device is connected to an AC voltage source and the main power switch is turned ON-1.

Easy and Fast Access

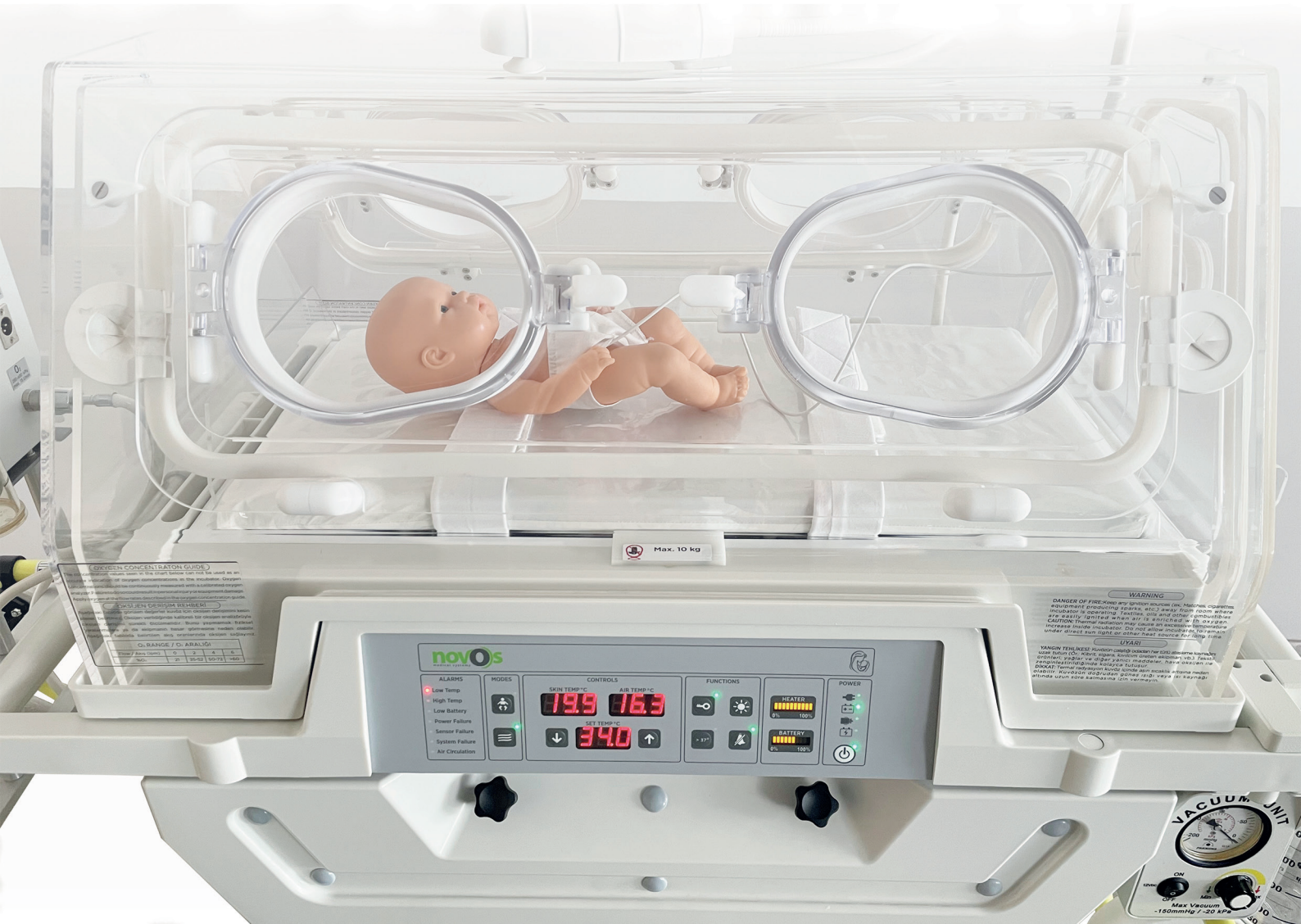
Thanks to the intervention compartments on 3 sides of the KT 1000, it provides easy and fast access to the newborn.

Safe Design

The entire control panel is located on the front of the device for easy use and quick access.

Clear View of the Newborn

It provides a clear view of the newborn thanks to its canopy part and integrated examination light, which is resistant to antibacterial cleaners and scratches.



Technical Specifications

Mechanical Specifications

Infant Transport Incubator with Ambulance Stretcher

Height (With Ambulance Stretcher)	1430 mm Max./ 850 mm Min.
Bed Heigth (With Ambulance Stretcher)	1154 mm Max./ 574 mm Min
Width (With Ambulance Stretcher)	1930 mm
Depth (With Ambulance Stretcher)	563 mm
Wheels	2 with brakes - 2 without brakes
Wheel Diameter	Ø125
Total Weight With Transport Trolley	100 kg
Standard Model Weight	70 kg

Infant Transport Incubator with Transport Trolley

Height (with Transfer Stretcher)	1472 mm Max. / 1152 mm Min.
Bed Height (with Transfer Stretcher)	1196 mm Max. / 876 mm Min.
Width (with Transfer Stretcher)	1380 mm
Depth (with Transfer Stretcher)	550 mm
Wheels	2 with brakes - 2 without brakes
Wheel Diameter	Ø125
Total Weight With Transport Trolley	98 kg
Standard Model Weight	70 kg
IP Class	IP20
Bed Dimensions	322 x 637 x 35 mm
Bed Weight Capacity	10 kg
Canopy Height	380 mm
Canopy Width (Inner)	437 mm
Canopy Depth (Inner)	716 mm
Openable Bed Platform	It can be opened to the outside by 40%.
Number of Windows	4 pcs, Front-Back cover
Number of Caps	3 pcs
Detachable Canopy	Available
Air Filter Type and Pore Size	Disposable, 0.5µ
Transport Trolley	Ambulance Stretcher / Transfer Stretcher

Environmental Conditions

Operating Temperature	10 °C – 30 °C
Operating Humidity	5 – 95 %RH, non-condensing
Storage Temperature	(-20) °C – 60 °C
Storage Humidity	5 – 95 %RH, non-condensing

Electrical Specifications

Supply Voltage and Current	110 - 220 VAC/ 3.2 A @110 VAC – 1.4 A @220 VAC
Applied Sections	Type BF
Protection Class	Class 1
Fuse	2 pcs of 4A, 1 pc of 15A Porcelain Fuse
Supply Frequency	50 – 60 Hz
Maximum Power Value	350 W
Noise Level	< 47 dBA
Resistance Type	Silicone Resistance
Resistance Power Value	120 W
Leakage Current Value	< 100 µA

Sensor Specifications

Skin Probe Type	Single NTC
Skin Temperature Measurement Range	1,0 °C - 41,0 °C
Skin Temperature Display Range	1,0 °C - 41,0 °C
Skin Temperature Display Resolution	0,1 °C
Skin Temperature Measurement Accuracy	± 0,2 °C
Target Skin Temperature Range	34 °C - 38 °C
Secondary Skin Probe	No
Air Probe Type	Double NTC
Air Temperature Measurement Range	1,0 °C - 41,0 °C
Air Temperature Display Range	1,0 °C - 41,0 °C
Air Temperature Display Resolution	0,1 °C
Air Temperature Measurement Accuracy	± 0,2 °C
Target Air Temperature Range	20 °C - 39 °C

Alarms

Low Skin Temperature	Available
Low Air Temperature	Available
High Skin Temperature	Available
High Air Temperature	Available
Low Battery Level	Available
Device Supply/ Power/ Fuse problem	Available
Critical Air or Skin temperature	Available
Communication/Processing Problem	Available
Air Circulation Problem	Available
Alarm Limits	± 1,0 °C

Humidity Specifications

Humidification Type	Passive (with wet sponge) Humidification

Other Specifications

Displaying Heater Power Percentage	In 10% increments
Warm Up Time	< 30 minutes, from 25 °C to 36 °C (at 25 °C ambient temperature)
Air Flow Rate	< 0,1 m/s, < 10 cm/s
Max CO2 Concentration	< 0,5 vol%
>37°C Confirm Button	Available
Interface Languages	English

Proven quality and 100 % customer satisfaction
Having a very strict quality policy brought us 100 percent customer satisfaction. Novos will continue to design and manufacture high quality products for newborn care; all you have to do is just focusing on your patients.

NOVOS Medical reserves the right to make changes without notice in design, specifications and models
The quality management system at NOVOS Medical Systems is certified according to ISO 13485 and product is certified in accordance with Medical Device Directive (93/42/EEC)