

InfantWarmer Series A4051

NEO



Series **A4051**

Infant Warmer and Total Care Unit

Exceptional healing environment for high-acuity newborns

The Advanced® A4051 Infant Radiant Warmers series offers a total care environment that brings the most advanced technology available to provide newborns a setting that is nurturing with the highest level of care.



NEONATOLOGY

Infant Warmer

Series A4051

Three options for screen: Color LCD, Monocolor Monitor and LED Display.
Servo control Patient skin mode.
Manual mode.
Intelligent Pre-Heating Function.
Quartz Infrared heater very effective heat Radiation.
Articulate irradiator allows fast access to X-ray equipment.
Bypass X-Ray Tray.
LED Auxiliary Patient illumination system .
Two options for bed: Electric or Manual Trendelenburg/
Anti-Trendelenburg.
Foldable Acrylic side protectors.
Gas panel with aspiration and resuscitator.
Oxygen and air flowmeters.
Timer and Apgar Counter.
Patient skin temperature probe.
Air Temperature monitoring.
2 Drawers with tray.
Two E-Type Cylinder holder.
Castors with brakes.
Three Collector Bag/Cable Guider Hooks.
Comprehensive alarm system.
Heating failure alarm.
Skin probe failure.
Power supply failure.
System failure.
Patient temperature monitoring.
Two phototherapy options: 5 LED Phototherapy or
Phototherapy bed.
Monitor shelf.
IV Pole.
Integrated Air/Oxygen Blender. (Optional)
Thermal Mattress (Optional)
Pulse Oximeter (SpO2) (Optional)
Electric Height Adjustment and Transportation Kit
(Optional)
CPAP (Optional)
Weight Scale (Optional)
Power Supply: AC 100/240 Volts 50/60 Hz.
Meets CE Directive 93/42EEC On Medical Device (MDD).

Infant Warmer

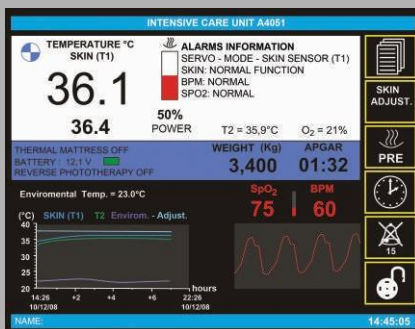
KeyFeatures



Series A4051

A4051 Monitors Specifications

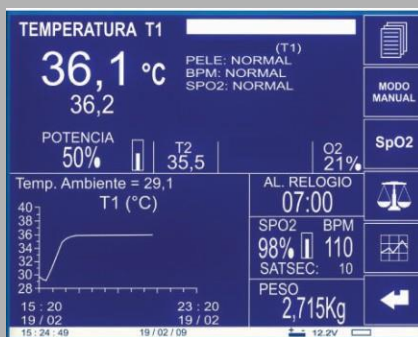
3 Options of Microprocessed Monitors



8.4" Microprocessed Color Monitor with 23 Functions

Skin mode (servocontrolled)
Manual mode
Intelligent pre-heating
Monitor of patient skin temperature (T1)
Indication of auxiliary temperature (T2)
Indication of ambient temperature
APGAR Counter
Watch Alarm
Exhibits current date and time
Patient records
Memorization of preventive maintenance date
Transportation module with 2 batteries (optional)

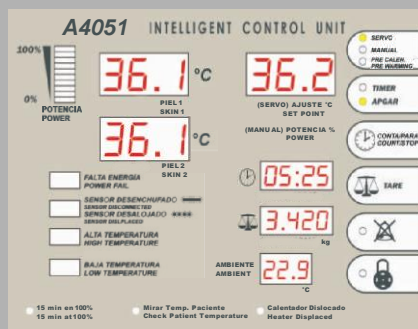
Oxygen concentration
Scale
Thermal servocontrolled mattress
Pulse oxymetry
External data communication (optional)
Language selection
Initialization auto test
Chart of tendency lines - 19 parameters
Bed Inclination (Trendelenburg and horizontal)
procline with memory (optional)
Biltron bed reverse photography



5.5" Microprocessed Monitor with 23 Functions

Skin mode (servocontrolled)
Manual mode
Intelligent pre-heating
Monitor of patient skin temperature (T1)
Indication of auxiliary temperature (T2)
Indication of ambient temperature
APGAR Counter
Watch Alarm
Exhibits current date and time
Patient records
Memorization of preventive maintenance date
Transportation module with 2 batteries (optional)

Oxygen concentration
Scale (optional)
Thermal servocontrolled mattress (optional)
Pulse oxymetry (optional)
External data communication (optional)
Language selection
Initialization auto test
Chart of tendency lines - 11 parameters
Bed Inclination (Trendelenburg and horizontal)
procline with memory (optional)
Biltron bed reverse photography (optional)



LED Monitor with 10 Functions

Skin mode (servocontrolled)
Manual mode
Intelligent pre-heating
Monitor of patient skin temperature (T1)
Indication of auxiliary temperature (T2)
Indication of ambient temperature
APGAR Counter
Watch Alarm
Bed Inclination (Trendelenburg and horizontal)

Technical Specifications

Parameter		
Physical Specifications	Dimension	1119mm (W) 630mm (H) 2003mm (W)
	Height Mattress Level	1000 mm
	Wheels	4 units (5")
Electrical Specifications	Voltage Supply	127V 220/240V 1 ± 5%
	Frequency	50/60 Hz
	Input power Nominal	800W
	current Leakage	7 Ap/127V 4Ap/220V/240V
	Current Rechargeable	<300 mA
	Battery	9V
	Auxiliary Socket	Max. Potencia 150W
Fuses	Red 127V (10A-tipo F) Red 220/240V (5A-F)	
Operational Functions	Skin Mode	The desired temperature (adjustment point) is adjusted and system controls heating by irradiation for the skin temperature of patient is kept equal the one of the adjustment point.
	Servo-Controlled	In such a way, the user adjusts the power level of irradiant heat (of 0 to 100%) for patient heating.
	Manual	The power level of irradiant heat will stay constant hot with standing the temperature of patient skin.
Control Characteristics	Control Unit	Microprocessor
	Temp. Display Resolution	0.1°C
	Control Accuracy	±0.2°C
	Temp. Adjustment	25.0°C to 38.0°C
Temp. Range	20.0°C to 45.0°C	
Alarms	System Alarm	Energy Transportation battery level (optional) High temperature +1.0°C Irradiant heater failure Alarm inhibition time: 10 min. Low temperature -1.0°C
	Sensor and Skin Alarm	Sensor failure
Alarm Pulse Oximeter / Alarm Oxygen Monitor / Alarm Blender / Alarm Humidifier		
Gas Module	O2 Input-output Nipple Thread	9/16" - 18UNF
	Air Input-output Nipple Thread	3/4" - 16UNF
Maximum Loads	IV Pole	2 Kg
	Auxiliary shelves	10 Kg
	Bed	7 Kg
	Intermediate Tray	7 Kg
Clasification	Electric Discharge Type	Type I
	Electric Sicharge Level	Applied Part Type BF
	Water Penetration Level	IPX0
	Operation Mode	Continuous
Patient Bed	Patient Bed	Manual, 7 positions, Trendelemburg / Anti-Trendelemburg
Standard Configuration	Standard Configuration	Radiating reflector articulated ± 90 °, auxiliary, Led light, gas panel, espirator, manual repirator, bed accessory tray with two drawers, swivel, patient monitor, X-ray tray, IV Pole, two cylinders holders, wheels with brakes, fixed height
Options	Options	Weight Scale System * 8.4" Color Monitor * Electric bed, adjustment continuous, reset function * Phototherapy Bed * Thermal Mattress * Pulse Oximeter O2 * Ergonomic support with pedals * CPAP * *Only for Color and Microprocessed Monitor

2013 Advanced Instrumentations Inc., is a U.S.A registered company – All rights reserved.

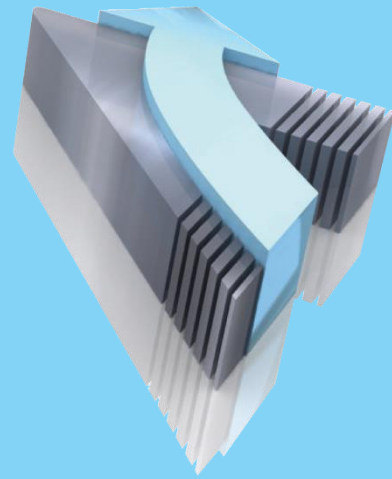
All functionality, features, specifications and other product information provided in this document including, but not limited to, the benefits, design, pricing, components, performance, availability, and capabilities of the product are subject to change without notice or obligation. Advanced Instrumentations reserves the right to make changes to this document and the product described herein, at any time, without obligation on Advanced Instrumentations to provide notification of such change. Actual description and specification of the product in this document may be diuerent. Images shown here are for representational purpose only, actual may vary.

Advanced and Advanced Instrumentations trademarks and logos shown are property of Advanced Instrumentations Inc.

Advanced Instrumentations Inc.
Success Through Quality,
a Company You Can Trust

Advanced Instrumentations manufactures leading medical technology equipment in the areas of anesthesia, cardiology, operating room, gynecology and obstetrics, IV therapy, patient monitors, hospital furniture, neonatology and ultrasound. We deliver to the healthcare industry the highest-quality standards, reliability, and patient safety in all our products through effective, and rigorous testing procedures by our own department of Biomedical Engineering in the United States. All of our equipment comes with 2 years warranty and excellent post-sale support services.

Advanced Instrumentations Inc. Complies with the requirements of the ISO standards 9001: 2008 and 13485-2003 following the audit by one of the most prestigious global certification companies, as it is TÜV SÜD America. We comply with the requirements and are audited by the US Food and Drug Administration (FDA) an entity of the health and Human Services of the United States of America. These certifications are the result of dedication and commitment to excellence in our products and services.



Distributor:



DELTA PLUS (PVT) LTD.
H # 220, STREET # 13
Khayaban-E-Kashmir
G-15/4, Islamabad , Pakistan
TEL+92(51)2160155-6
FAX: +92(51)2160157
info@deltapluspvt.com
URL: www.deltapluspvt.com



6800 N.W. 77 Court,
Miami, FL 33166
U.S.A.
Phone: 305-477-6331
Fax: 305-477-5351