**الموضوع: المواصفات الفنية لأجهزةقسم الخداج**

**Technical Specifications for *Baby Incubator***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety Standard | FDA approval or CE marking |
| 4 | Control Panel | * Microprocessor control panel.
 |
| 5 | Display | * LCD display (infant temperature, air temperature, humidity).
 |
| 6 | Control Modes | * Skin.
* Air.
 |
| 7 | General Specification | * Height adjustable.
* Integral x-ray tray, mattress tilling.
* Low noise level.
* Air distribution system with micro-air filter.
* Failure alarm, (temperature Probe, air failure, power failure).
* Mounted on four casters with locks.
* Strong storage drawers.
* Oxygen servo (optional).
* Rotating mattress(optional).
* IV stand(optional).
* Scale(optional).
 |
| 8 | Hand ports | To be mentioned. |
| 9 | Double wall | Required. |
| 10 | Main Power | 220 - 240 VAC , 50 Hz |

**Un code :**42191802

**Technical Specifications for *Intensive Phototherapy Unit***

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| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety Standard | FDA approval or CE marking |
| 4 | Application | Treatment of hyperbilirubinemia in neonates. |
| 5 | Number of bulbs | Please specify  |
| 6 | Irradiance Mw/cm2/nm  | * For Fluorescent Lamps NOT less 5.
* For LED lamps not less 20.
 |
| 7 | Accepted bulbs type | Fluorescent lamp or LED lamp. |
| 8 | Bulb exchange | Easy Accessible &replacement , please specify. |
| 9 | Features  | * Heavy duty & compact design.
* Freestanding unit, mobile with brake, circular shape.
* High quality materials.
* LCD screen.
* Baby skin temperature monitoring with alarms.
 |
| 10 | Bulbs expected life | * Fluorescent lamp Not less than 2000 hours
* LED lamps not less 20000 Hours.
 |
| 11 | Cooling System | Included |
| 12 | Hour meter | Included |
| 13 | Timer | Included |
| 14 | Main Power | 220 - 240 VAC , 50 Hz |

**Technical Specifications for *Whole Body Cooling (Cooling Blanket)***

|  |  |  |
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| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety Standard | FDA approval or CE marking |
|  | Features | * Provides cooling with mild systemic hypothermia to prevent or reduce the severity of neurologic injury.
* Treatment: In full-term infants with clinical evidence of moderate to severe hypoxic ischemic encephalopathy.
* Maintain the patient’s rectal temperature at 33.5º ±0.5ºC for the 72-hour period.
* Fluid cooled mattress covers from infant to pediatric (To offer Reusable and disposable).
* Temp monitoring (To offer Reusable and disposable sensors).
* Servo controlled core temp.
* All needed parts to be included in offer.
* Original Trolley.
 |
| 4 | Cooling Fluid | * To be specified.
 |
| 5 | Display | * LCD Display with audiovisual alarm.
 |
| 6 | Main Power | 220 - 240 VAC , 50 Hz |

**Un code : 42142105**

**الموضوع: المواصفات الفنية لأجهزة قسم الاطفال**

**Technical Specifications for *Cerebral Function Monitor***

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| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety Standard | FDA approval or CE marking |
| 4 | System Features | * Cerebral Function Monitor for EEG monitoring of infant and pediatric.
* Diagnosis and detection of seizures and neurological status.
* Integrated chart recording and can view data at PC.
* Provides Real time measurements of an EEG.
* At Least 2 channels.
* Software Marker Points.
* Print out report.
* Optional: - synchronized video facility and spectra analysis.
* On original mobile Trolley.
* Provides FOC Complete Kit for 100 cases with enough shelf life.
* All needed parts to be included in offer.
 |
| 5 | Display | * LCD with Touch Display not less than 7 inch.
 |
| 6 | Data Storage | * To be mentioned.
 |
| 7 | Main Power  | 220 - 240 VAC , 50 Hz |

**Technical Specifications for *Transport Incubator***

|  |  |  |
| --- | --- | --- |
| **No.** | **Technical Specifications** | **Min KAUH Requirement** |
| 1 | Manufacturer | Please specify manufacturer and country of origin |
| 2 | Model Number | Please specify model number of the offered equipment |
| 3 | Safety Standard | FDA approval or CE marking |
| 4 | General Specification | * Incubator with air/skin mode heating, foldable trolley with provision to keep refillable oxygen cylinder and battery.
* Incubator with Double Wall Canopy, Front and Head End Access Doors with Access portholes and Tubing Access Ports.
* Digital Displays of set range temperature: - Air 17° C – 38.9° C and Baby Skin Temperatures 34° C –37° C.
* Indicators for Mains and Battery Modes of Operation.
* Large LED Digital Display or LCD.
* AC and DC Power: -An Internal rechargeable battery for at least 2hr during ventilation modes.
* Front mounted gas content display.
* Comprehensive Alarm System: Alarm indicators for High temp, Power failure, Sensor fault, Air flow failure, Low battery.
* Includes Accessories: - I.V pole, Oxygen cylinder, pressure regulator (Preferred to be built-in), mattress, reusable skin probe, high intensity exam light with LED Light and infant positioning straps.
* Air filter.
* Controller Displays: On/standby Illuminates when “On”.
* Trolley: Sturdy trolley, sturdy & shock absorbing Wheels and Space for accessories with trolley weight maximum 90 Kg. Also with wheels lock (At least 2 wheels lock).
* Strong storage drawers.(OPTIONAL).
 |
| 5 | Portable ventilator modes  | * Apnea assists control pressure.
* ACV,CPAP Pressure backup, CPAP Volume backup, NIV BI-Level SIMV-Pressure, SIMV Volume.
 |
| 6 | Main Power | 220 - 240 VAC , 50 Hz |

**Un code : 42192204**