

Quinen

PATIENT WARMING SYSTEM



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Patented "WARM SAFE" Technology innovated by Shreeyash incorporated in the QUINEN that prevents thermal injury to patient during prolonged use of the blanket below patient. This Patented technology ensures that the heat is uniformly transferred to patient, simultaneously it ensures that thermal injury due to continuous pressure & immobility during prolonged surgeries are avoided. This technology relieves the Anesthetics / Surgeons from the fear of Ischaemia caused due to pressure. Clinical data shows that during prolonged surgery, thermal injuries have caused where pressure was greatest and also from the result of prolonged immobility of the patient.

To circumvent this issue, Shreeyash has innovated the "WARM SAFE" technology for absolute safety of the patient, and ensures that the mattress temp. never exceeds 38°C.

ICU System



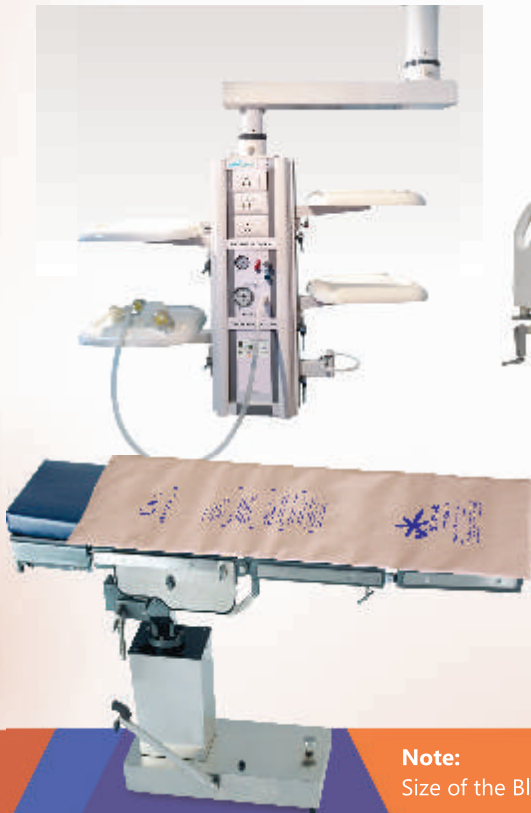
"QUINEN" with Trolley.
Trolley, optional at Extra cost.

Clinical Studies have shown that the most important factor that caused Ischaemia is temp and exposure time. The lowest direct contact temperature responsible for a cutaneous burn in human is 44°C (Mortiz, 1947) with irreversible injury occurring after six hours of exposure, below this threshold temperature blood flow to the tissue tends to affect temp. distribution in the skin only slightly. However, once the threshold temperature has been reached Ischaemia caused by pressure or surgical techniques may well increase the rate at which injury occurs. Also higher temp. setting may cause injury in short time.

Features & Benefits of "QUINEN"

- "QUINEN" mattress incorporates technologically advanced Carbon Fiber conductive heating method that effectively maintains Normothermia, or normal body temperature in anesthetized and ICU patients.
- "QUINEN" warms the patient from underneath, hence allows full access to surgical team.
- It warms the patient and not the operation theatre.
- The mattress temperature can be easily selected from 26°C to 40°C by means of feather touch keys.
- 3 Digit LED display continuously displays the actual Temperature of Mattress.
- "QUINEN" blankets/mattress made from Carbon Fiber is absolutely safe as the blanket works on 12/24/34 V DC.
- It is water proof, shock proof, easily foldable & has incredible long life.
- Control unit can be mounted on IV pole or on trolley.
- Provided with over temp alarm and auto cut off facility.
- "QUINEN" comes along with 2 Autoclavable cotton mattress covers.
- "QUINEN" is Light weight, easily foldable, hence storage is easy.
- It requires no consumables.

"QUINEN" on O.T. Pendant



"QUINEN" on ICU Panel



Note:

Size of the Blanket can be varied as per users requirements.

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Technical Specifications:

Voltage	: 230 V AC \pm 10% 50 Hz. Isolated Current
Working Voltage	: 12/24/34 V DC
Heating Control	: Servo Proportionate System.
Digital Display's	: 3 Digit display that indicates the Temperature of warming mattress
Sensors	: One Sensor incorporated in QUINEN to Sense the Heater Temp.
Temperature Range	: 26 °C to 42 °C. Temperature display in °C & °F.

Feather Touch Keys are provided for following:

- Temp in Deg Centigrade
- UP Key
- Down Key
- Alarm Mute

Indications provided for following Error's:

- Heater ON
- Sensor Fail
- Over Temp.

Life changes so do concepts, ideas hence for constant up-gradation we reserve the right to change the specifications & features without prior notice to ensure harmony between man & the machine.



Shreeyash Medical Systems



An ISO 9001:2015
ISO 13485: 2016 Organization

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