

LIFEWARMER™ Quantum™

Blood & Fluid Warming System

- **Lightweight** The Quantum™ has the lightest operational weight of any portable blood & fluid warming system (Total Operational Weight: 22 oz)
- **Powerful** Warms two units of 39°F refrigerated whole blood at 100mL/min+ on a single charge
- **Compact** Fewest components to carry (three)
- **Fast** Warm-up time of only 24 seconds
- **Intuitive** The thermal transfusion/infusion set looks, handles, and sets up/primes like any conventional IV set
- **Safe** Tested safe for blood, blood products & IV solutions
- **Effective** The system is plug-and-play for ease of setup under stressful conditions such as tactical field care (only two connection points, with no plug orientation or set-up order requirements – system status constantly visible at a glance)
- **Complete** Does not require additional standard transfusion or infusion set – all other warmers do
- **Tactical** Only system FDA cleared allowing easy disable of audible alerts to protect operators in combat



Quantum Battery

Quantum Charger

Quantum Controller

TTS-B Thermal Transfusion Set - Blood
(Blood, blood products & IV solutions)

TIS Thermal Infusion Set
(IV solutions)

PRODUCT WEIGHTS

Total Operational Weight: 22 oz
(Quantum™ Controller, Battery & TTS-B)

Battery: 16 oz

Controller: 3 oz

Battery Charger: 22 oz

Controller Cover: 0.23 oz

Hard Case: 3.22 lb

**Thermal
Transfusion Set
(TTS-B):** 2.7 oz

**Thermal Infusion Set
(TIS):** 2.3 oz

**Learn more about this and
other Products with a Mission®
at www.NARescue.com**



OPERATING PARAMETERS

Blood or Blood Products

- Input Temp: 39°F
- Output Temp: 100.4°F (38°+/- 2°C)
- Flow-Rate: 2 - 100mL/min (+)
- Warm-up Time: 24 seconds
- Warming Capacity with Single Battery: 2 units (+)

IV FLUIDS

- Input Temp: 68°F
- Output Temp: 100.4°F (38°+/- 2°C)
- Flow-Rate: 2 - 200mL/min (+)
- Warm-up Time: 24 seconds
- Warming Capacity with a Single Battery: 1700 mL

QUANTUM SYSTEM COMPONENTS

ITEM #	COMPONENT	NSN
35-0006	Complete System*	6515-01-693-7810
35-0005	TTS-B (Pack of 2)	6515-01-695-4444
35-0004	TIS (Pack of 2)	----
35-0003	Controller	----
35-0002	Battery Charger	----
35-0001	Battery	----
35-0010	Controller Cover	----
83-0028	Field Blood Transfusion Kit	----

* NOTE: Complete System includes:
1 x Controller • 1 x Battery • 1 x Charger • 2 x TTS-B
TIS is sold separately. Not included in the Complete System.



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