

FLUID WARMING SYSTEM

Belmont Instrument Corp

MODEL # FMS 2000

Manufacturer's PHONE: (978) 663-0212; (866) 663-0212

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AAC "W" ITEM NSN 6515-01-370-5019

AAC "J" ITEM NSN 6515-01-465-2059

UNIT PRICE: \$18,700

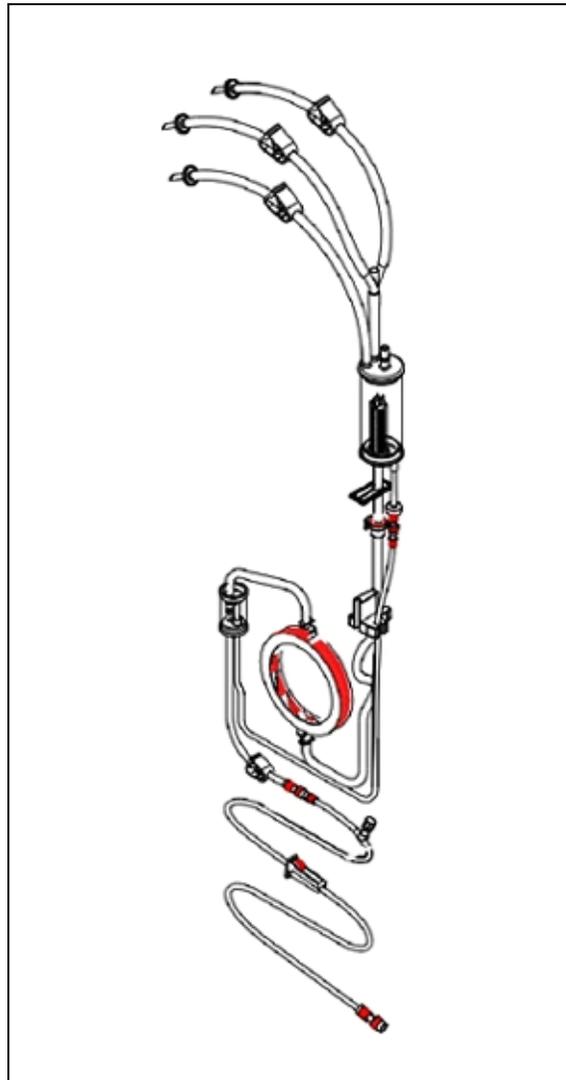
System Description: The unit delivers blood or replacement fluid at high infusion rate for use in trauma and high blood loss surgery. The system combines a high speed fluid pump, a compact blood and fluid warmer, air detection and removal, and pressure monitoring in a 26 pound package, which mounts to an IV pole. The system is easy to use, quick to set up with nearly instantaneous infusion, and fluid heating. The line pressure control turns off pump, and alerts the Operator if the fluid line is obstructed. A single pass through the induction heater brings fluid to normothermia in seconds. The Operator controlled fluid delivery rates of 1- - 750 ml per minute at physiological temperatures.



FLUID WARMING SYSTEM
PART # 903-00001B
NSN 6515-01-465-2059

SIDE VIEW





3-BAG SPIKE DISPOSABLE SET
PART # 903-00006
NOT INCLUDED W/NSN

Portability:	Quick-on IV Pole Mount or Handle at top of unit.
Power:	115 volt, 15A AC, or 220-240 Volt, 7.5A AC input
Battery:	Internal, rechargeable for transport. Operates all functions without heating.
Fluid Pump:	Roller type peristaltic pump.
Heater:	Maximum applied power, 1500 watts.
Sensors:	2 Air bubble sensors, pressure transducer (fluid). 2 temperature probes (infrared sensing), pump flow rate sensor.
Control Computer:	Built-in, controls all functions, with redundant hardwired overrides in case of computer failure.
Display:	5 in. x 2.5 in. Electroluminescent type, with waterproof touch pad.

FLUID WARMING SYSTEM PHYSICAL AND ENVIRONMENTAL SPECIFICATION

Dimensions	Height	13.5 inches
	Width	7.5 inches
	Depth	12 inches
Cube		0.703 cubit feet
Weight		26 lbs
Operating Temperature Range		50° F to 89.6° F
Storage Temperature Range		5° F to 104° F
Relative Humidity (in use)		10% to 90 % non-condensing
Relative Humidity (storage)		10 % to 90 % non-condensing
Power Requirements		115 VAC 60 Hz Internal rechargeable battery (will not power heat function).
Amps		15 amps
Watts		1500 watts

FLUID WARMING SYSTEM (START-UP)

NSN	NOTES	NOMENCLATURE	P/N	QTY	UI	Unit Price	Total Price	MFG	Shelf Life, months	Refrig Y/N	CONUS Ship Time, weeks
6515014652059		Fluid Warming System	903-00001B	1	EA	\$18,700.00	\$18,700.00	BELLMONT INST.CORP.	N/A	N	3
		Carrying Case	603-00039	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
		IV pole portable telescopic, Assembly	403-00284	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
		Reservoir Support Assembly	403-00247	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
		2-Hook Assembly, Portable Telescopic IV Pole	403-00285	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
		2-Hook Assembly, knob	403-00259	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
		Power Cord, 120V	118-0096	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
	CD ROM	Operator Manual	702-00040	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
	Hard copy	Operator Manual	702-00001	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3
	Physically big	Service Manual	702-00046	1	EA	Included w/ 2059 NSN	Included w/ 2059 NSN	BELLMONT INST.CORP.	N/A	N	3