



**Medtronic**

# HMS Plus

HEMOSTASIS MANAGEMENT SYSTEM



Believing in the technology... investing in the future

## Ordering Information

### HMS Plus Test Cartridges and Liquid Controls

Disposable cartridges undergo strict manufacturing standards and quality control to provide accurate, dependable performance. Cartridge room temperature and/or refrigerated shelf life are stamped on each box.

### Heparin Assay Cartridges and Controls

Cartridges: Each box contains 9 cartridges with syringes and blunt tip needles				Controls: Each box contains 10 vials of control and deionized water	
Catalog #	Description	# of Channels	Heparin Level	Control Catalog #	Description - (10 vials of control and 10 vials of deionized water for reconstitution)
304-01POR	Red	4	0.0-0.9 mg/kg	306-01POR	Red/Yellow
304-02POR	Yellow	4	0.0-1.5 mg/kg		
304-03POR	Tan	4	1.5-3.0 mg/kg	306-02POR	Tan/Silver
304-04POR	Silver	4	2.0-3.5 mg/kg		
304-05POR	Blue	4	2.5-4.0 mg/kg	306-03POR	Blue/Gold
304-06POR	Green	4	3.5-5.0 mg/kg	306-04POR	Green/White
304-07POR	Orange	6	0.0-2.5 mg/kg	306-05POR	Orange
304-08POR	Gold	6	1.5-4.0 mg/kg	306-03POR	Blue/Gold
304-09POR	White	6	2.5-5.0 mg/kg	306-04POR	Green/White
304-10POR	Purple	4	4.5-6.0 mg/kg	306-09POR	Purple/Black
304-11POR	Black	6	3.5-6.0 mg/kg		

### Heparin Dose Response Cartridge

Cartridges: Each box contains 9 cartridges, syringes, and blunt tip needles		
Catalog #	Description	# of Channels
304-20POR	HDR	6

### High Range ACT

Cartridges: Each box contains 18 cartridges and 9 syringes, and blunt tip needles			Control: Each box contains 15 vials of control and deionized water	
Catalog #	Description	# of Channels	Control Catalog #	Description
304-30	HRACT	2	550-07	CLOTtrac HR Coagulation Control
			550-08	CLOTtrac HR Abnormal Coagulation Control
			550-13	CLOTtrac HR Control Pak Coagulation Control (1 box each of 550-07 and 550-08)

### HMS Plus Instruments

Each instrument includes an internal printer, one-year warranty, operating manual, and case analysis pad.

Catalog #	Description		
30514	HMS PLUS	100-120 volt	
30522	HMS PLUS	200-240 volt	English
30515	HMS PLUS	200-240 volt	German
30517	HMS PLUS	200-240 volt	French
30518	HMS PLUS	200-240 volt	Italian
30524	HMS PLUS	200-240 volt	Spanish
30527	HMS PLUS	200-240 volt	Dutch

### HEPline Kit

Kit contains 5 tubes of increasing amounts of heparin concentrations designed to give final concentrations of 1, 2, 3, 4, and 5 U/ml when fresh whole blood is added to a final volume of 5 ml.

Catalog #	Description
313-50	HEPline Kit

### Accessories

Catalog #	Description	Quantity
HMSPLUSSC	Bar Code Scanner	1
HMSPLUSCRS	Bar Code Scanner - European Union	1
HMSPLUSCY	Bar Code Scanner - Japan	1
HMSPLUSEDM	External Data Manager	1
31351	Electronic Quality Control	1
300-01	3cc Monoject Syringes	100 per Box
300-02	Blunt Needles, 1-7/16", 19 GA	100 per Box
300-04	Thermal Printer Paper	5 Rolls per Box
300-05	HMS Case Analysis Pad	50 Sheets per Pad
300-10	Temperature Verification Cartridge	1
313-18	QA Records Packet	1
31506	Salvage Reservoir Cups	100 per Box
30032	HMS PLUS Custom Cart	1

### Manuals

Manuals can be ordered through the CardioVascular Service Department.

Part Number	Description
86506001	Operator's Manual