

SIGMA INTERNATIONAL

DOCUMENT / FORM

Page 1 OF 3

DOC 11181

Rev. L

TITLE: Hospira Compatible Set List – Sigma Model Spectrum

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1.0 REFERENCE

1.1 41018 – Spectrum Operator's Manual

2.0 HISTORY

REV	DESCRIPTION OF CHANGE	ECN# / DATE
1	Preliminary Release	4/21/05
2	Adding SIGMA part #'s	4/25/05
A	Original Release	08705
B	Updated to reference the Spectrum Operator's Manual listing for compatible sets.	26507
C	Updated descriptions to match Hospira descriptions and updated formatting for clarity.	24107
D	Added Set # 12450-48 to listing	30007
E	Added Hospira Sets 20779-48, 20780-48, 20801-48, 20803-48, 20805-48, 20806-48, 20815-48, 11309-58, 11411-78, 12907-65.	34007
F	Added Hospira Sets 12574-48 & 20804-01	09008
G	Added Hospira Set 11963-68.	19608
H	Added Hospira Set 11965-68	26508
J	Added Hospira Set 12426-48	35508
K	Added Hospira Set 11994-48	47108
L	Removed "Confidential" from footer and replaced with "This Document is Subject to Change, Please Contact SIGMA for the Most Current Revision"	19309

SIGMA INTERNATIONAL

DOCUMENT / FORM



Page 2 OF 3

DOC 11181

Rev. L

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Compatible Hospira IV Sets (SIGMA Spectrum pumps that have been calibrated for use with Hospira nominal size 0.100" I.D. Series I.V. Set tubing).

 or  Sets must include a Green Slide Clamp or a Yellow Keyed Slide Clamp on the section of the set to be placed into the Spectrum pump

No.	Brief Description
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Primary Set Macro (15 Drops/mL)

11309-58	LS Primary Piggyback Set, PP backcheck valve, 2 PP Y-Sites, & OL ^{2,6,7} , 106"
11540-58	LS Primary Piggyback Set, PP backcheck valve, PP Y-site & OL ² , 80"
11545-58	LS Primary Set, PP Y-site & OL, 78"
11679-65	LS Primary Piggyback Set with inline backcheck valve, 2 PP Y-sites, and OL ² , 100"
11960-68	LS Convertible Pin I.V. Set, CLAVE Y-site and OL, 100"
11961-68	LS Primary Piggyback Set with inline backcheck valve, 2 CLAVE Y-sites & OL ² , 100"
11965-68	LS Primary Piggyback Set, inline backcheck valve, 3 CLAVE Y-sites, and OL ^{2,7} , 100"
12574-48	LS Primary Set, Convertible Pin & OL, 100"
20778-48	LS Primary Set with backcheck valve, Yellow Key Slide Clamp, 2 CLAVE Y-Sites, & OL ^{2,5} , 100"
20793-48	LS Primary Set, Yellow Key Slide Clamp, with inline backcheck valve, 3 CLAVE Y-sites, 0.2 micron filter, & OL ^{2,3,5,6} , 120"
20794-48	LS Primary Set, Yellow Key Slide Clamp, with inline backcheck valve, 3 CLAVE Y-sites, & OL ^{2,5,6} , 120"
20795-48	LS Primary Set, Yellow Key Slide Clamp, with inline backcheck valve, 3 CLAVE Y-sites, & OL ^{2,5} , 120", w/Extension
20803-48	LS Primary Set, Yellow Key Slide Clamp, CLAVE Y-site & OL ⁵ , 100"
20815-48	LS Primary Set, Yellow Key Slide Clamp, with inline backcheck valve, 3 PP Y-Sites, & OL ^{2,5} , 110"

Primary Set Micro (60 Drops/mL)

11411-78	LS Microdrip Primary Piggyback Set, w/ backcheck valve, 2 PP Y-Sites, & OL ^{1,2,6,7} , 100"
11539-78	LS Microdrip Primary Set, PP Y-site & OL ¹ , 70"
11550-78	LS Microdrip Primary Piggyback Set, PP backcheck valve, PP Y-site Set OL ^{1,2} , 80"
11962-78	LS Microdrip Piggyback Set, with inline backcheck valve, 2 CLAVE Y-sites & OL ^{1,2} , 100 Inches
12058-78	Microdrip Set with yellow striped tubing, CAIR Clamp & OL ¹ , 112"
12426-48	LS Microdrip Piggyback Set with inline backcheck valve, 3 CLAVE Y-sites & OL ^{1, 2, 7} , 100"
12453-48	LS Microdrip Primary Set, 1 CLAVE Y-site & OL ¹ , 100"
20779-48	LS Microdrip Primary Set with backcheck valve, Yellow Key Slide Clamp, 2 CLAVE Y-Sites, & OL ^{1,2,5} , 100"

Primary Filter Set Micro (60 Drops/mL)

20801-48	LS Primary Microdrip Filter Set with backcheck valve, Yellow Key Slide Clamp, 2 CLAVE Y-Sites, & OL ^{1,2,3,5} , 100"
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Primary Filter Set Macro (15 Drops/mL)

11538-68	LS Primary Piggyback Set, 0.2 micron filter, PP backcheck valve, PP Y-site & OL ^{2,3} , 80"
11963-68	LS Primary Piggyback Set, with inline backcheck valve, 2 CLAVE Y-sites, 0.2 Micron High Pressure Filter & OL ^{2,3,7} , 100"
12573-48	LS Primary Set, 0.2 micron filter, specific pumping section, 1 CLAVE Y-Site & OL ^{3,6,7} , 110"
20780-48	LS Primary Set, 0.2 micron filter with backcheck valve, Yellow Key Slide Clamp, 2 CLAVE Y-Sites, & OL ^{2,3,5} , 100"

150 mL Burette Set Macro (15 Drops/mL)

12907-65	LS Burette Set, backcheck valve, 2 PP Y-Sites, 1 CLAVE Port, & OL ^{2,4,7,8} , 106.5"
20797-48	LS Burette Set, Yellow Key Slide Clamp, 3 CLAVE Ports, & OL ^{4,5,6} , 120"
20798-01	LS Burette Set, Yellow Key Slide Clamp, 4 CLAVE Ports, & OL ^{4,5} , 167", w/Extension

150 mL Burette Set Micro (60 Drop/mL)

11398-20	LS Microdrip Filter SoluSet 150 x 60, PP site on burette, capped port, PP Y-Site & OL ^{1,4,7} , 100"
11964-02	LS Filter SoluSet 150 x 60, slide clamp, 1 CLAVE Y-Site & OL ^{1,4,7,8} , 77"
12341-01	LS Microdrip SoluSet 150 x 60, capped port, 1 CLAVE Y-Site & OL ^{1,4,7} , 77"
20804-01	LS Microdrip Burette Set, Yellow Key Slide Clamp, Filter Valve, Capped port, 1 CLAVE Y-Site & OL ^{1,3,4,5,7} , 110"

SIGMA INTERNATIONAL

DOCUMENT / FORM

Page 3 OF 3

DOC 11181

Rev. L

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Primary Nitroglycerin Set Macro (15 Drops/mL)

11993-78 Nitroglycerin Primary Pump Set (not for gravity administration), specific pumping section with slide clamp ⁶, 110"

Fat Emulsion Set Macro (15 Drops/mL)

12060-58 Fat Emulsion Set, non-DEHP (except pump segment with connections), slide clamp on pump segment ⁶, 110"

Y-Type Blood Set (10 drops/mL)

11994-48 Y-Type Blood Set, 170 micron blood filter chamber, & OL^{3,9}, 105"

12450-48 LS HEMA Y-Type Blood Set, 1 CLAVE Y-Site, w/210 micron blood filter chamber, & Secure Lock^{3,9}, 100"

20796-48 LS Y-Type Blood Set, Yellow Key Slide Clamp, 1 CLAVE Y-sites, w/170 micron filter, & OL^{3,5,9}, 110"

20805-48 LS Y-Type Blood Set, Yellow Key Slide Clamp, 1 CLAVE Y-Site, w/210 micron filter, & OL^{3,5,9}, 100"

20806-48 LS Y-Type Blood Set, Yellow Key Slide Clamp, 1 CLAVE Y-Site, w/170 micron filter, & OL^{3,5,9}, 100"

All sets use roller clamps referenced to as CAIR® clamp. All sets (except the Blood sets) use convertible pins.

LS = LifeShield®, OL = Option-Lok®, PP= Prepierced, CAIR®, CLAVE®, Option-Lok®, LifeShield®, Microdrip® SoluSet® are all registered names / trademarks associated with Hospira (Abbott Laboratories).

WARNING:

1. Microdrip chambers should not be used for flow rate settings greater than 200 mL/hr. Doing so may influence flow rate accuracy and cause nuisance air or upstream occlusion alarms.
2. When using sets with backcheck valves, flow rate settings should not exceed 500 mL/hr. Doing so may influence flow rate accuracy or cause nuisance upstream air or upstream occlusion alarms. Flow rates above 300 mL/hr may cause fluid to be siphoned from the primary container during piggyback operation (see Secondary Infusion).
3. Partially occluded filters can cause nuisance upstream air, upstream occlusion or downstream alarms and influence flow rate accuracy.
4. Burettes with closed vents, or shutoff valves will cause upstream occlusions that may not be detected by the infusion pump.
5. Yellow Key Slide Clamp sets are only compatible with Spectrum Software of 4.02.06 or higher. Keyed for correct direction of flow.
6. Sets having a length that is greater than 48 inches from the exit of the pump to the patient connection end may have an increased downstream occlusion pressure, time to occlusion and bolus at occlusion release. For rates of less than 100 mL/hr, the pump should be set to the LOW downstream pressure setting.
7. Some Sets contain two or more slide clamps. Only the slide clamp on the pumping section or on the section with the main roller clamp should be used for pumping operation and clamp detection. Other slide clamps associated with the set need to be observed and controlled by the user.
8. This set is configured with a roller clamp above the set slide clamp. When loading it into the Spectrum pump ensure proper set orientation with slide clamp located above the pump.
9. Blood sets with both clamps closed above the blood filter will cause upstream occlusions conditions that may not be detected by the pump.

See the Specification Section for Downstream Occlusion times and bolus release information.