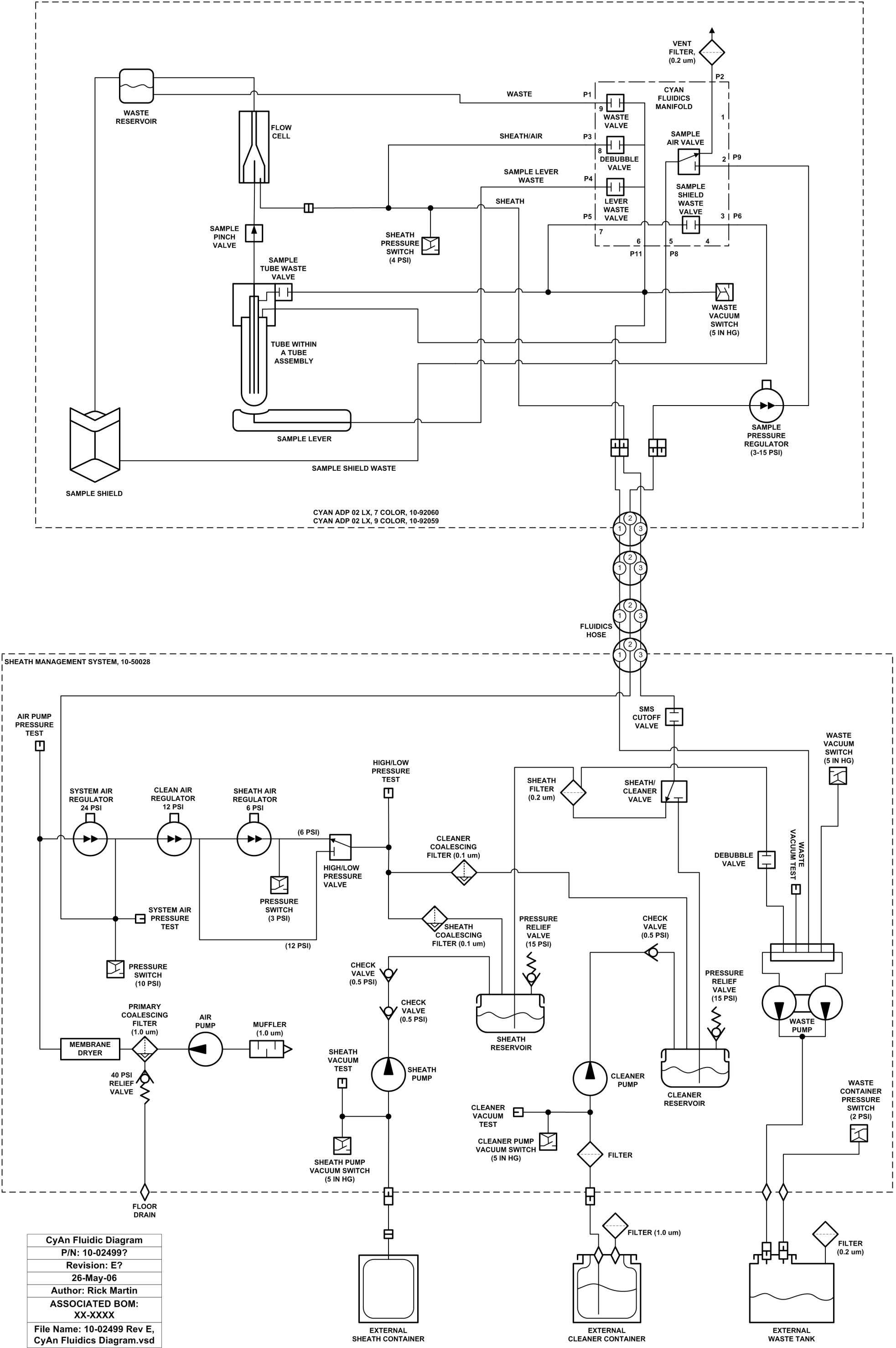
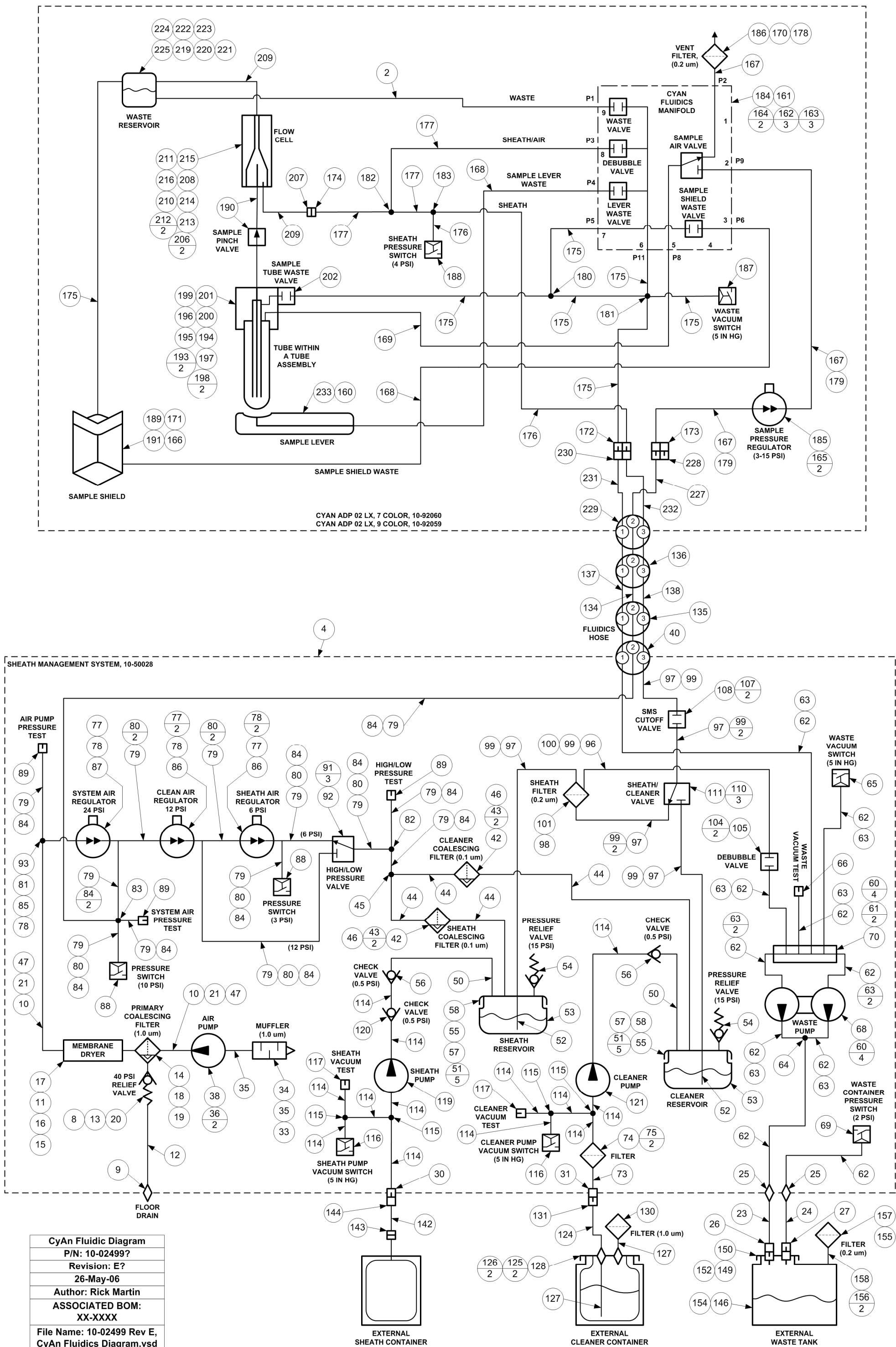


CYAN FLUIDIC DIAGRAM



CyAn Fluidic Diagram
P/N: 10-02499?
Revision: E?
26-May-06
Author: Rick Martin
ASSOCIATED BOM:
XX-XXXX
File Name: 10-02499 Rev E, CyAn Fluidics Diagram.vsd

CYAN FLUIDIC ASSEMBLY DRAWING



BOM, Fluidics, CyAn ADP 02, LX, 9 Color, 3 Laser, 10-92059, From Agile													
Part Number													
Item #	Level 0	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Item Description	Qty	BOM Notes			
1	10-92059							CYAN ADP 02, LX, 9 COLOR, 3 LASER, 488/405/635					
2		10-10025						TUBING, 1/8 OD X 1/16 ID, PVC, CLEAR, MEDICAL GRADE	0.9	fluidics module to waste resevior			
3		10-10059						CAP, INSERT, BLACK PLASTIC	2	not a fluidic component			
4		10-50028						ASSY, SHEATH MANAGEMENT SYSTEM	1				
5			10-00093					DOC, DIAGRAM, FLUIDICS, SMS CART	1				
6			10-50097					ASSY, KANBAN GROUP, SMS CART 1	1	New phantom kanban			
7				10-30052				ASSY, AIR DRYER, SMS	1	Kanban item. Moved from 10-50028			
8					10-10019			FITTING, 1/4 MNPT X 1/8 BARB, 90, KYNAR	1				
9					10-10221			FITTING, BULKHEAD, DUAL 1/8" BARB	1				
10					10-10230			TUBING, 1/2 OD X 1/4 ID, BRAIDED, PVC, 200PSI MAX	2.5				
11					10-10236			FITTING, ADAPTER, STRAIGHT, 1/4IN MNPT - 1/4 HOSE BARB, BRASS	1				
12					10-10241			TUBING, 1/4 OD X 1/8 ID,TYGON, SANITARY SILICONE, 3350	1.5				
13					10-10283			FITTING, ADAPTER 1/8"MNPT TO 1/4"FNPT, BRASS	1				
14					10-20498			FILTER, COALESCING, 1/4IN FNPT PORTS, 5.5 IN LENGTH	1				
15					10-20534			FITTING, ADAPTER, 1/4 MNPT - 1/4 FNPT, 90 DEGREE, BRASS	1				
16					10-20535			FITTING, HEX NIPPLE, 1/4 MNPT, 1.375" LENGTH, BRASS	1				
17					10-20536			AIR DRYER, MEMBRANE, BEKO TECH	1				
18					10-20545			FILTER, ELEMENT, COALESCING, 5.5 IN	1				
19					10-20546			FITTING, ELBOW, 1/4 MNPT - 1/4 HOSE BARB, BRASS	1				
20					10-20688			VALVE, PRESSURE RELIEF, INLINE, 1/4"NPT, 40 PSI	1				
21					100-2126			HOSE CLAMP, 1/4-5/8 DIA.	2				
22				10-30060				ASSY, CONNECTION, WASTE CONTAINER	1	Kanban item. Moved from 10-50028			
23					10-10098			TUBING, 1/4 OD X 1/8 ID, PVC, RED STRIPE, MEDICAL GRADE	1				
24					10-10188			TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	1	Build Procedure lists 10-10241			
25					10-10221			FITTING, BULKHEAD, DUAL 1/8" BARB	2				
26					10-20440			COUPLING, QUICK CONNECT, INLINE, 1/8" ID BARB, MALE, SHUTOFF	1				
27					10-20495			COUPLING, QUICK CONNECT, INLINE, 1/8" ID BARB, FEMALE, SHUTOFF	1				
28				10-40077				ASSY, MAIN CABINET, SMS	1	Kanban item. Moved from 10-50028			
29					10-20302			CABINET, SMS	1				
30					10-20443			COUPLING, QUICK CONNECT, PANEL MOUNT, 1/8" ID BARB, FEMALE, SHUTOFF	1				
31					10-20496			COUPLING, QUICK CONNECT, PANEL MOUNT, 1/8" ID BARB, MALE, SHUTOFF	1				
32				10-40084				ASSY, AIR COMPRESSOR, SMS	1	Kanban item. Moved from 10-50028			
33					10-10235			FITTING, PLUG, 1/4IN ID TUBE, PRESS IN, NYLON	1				
34					10-20431			FILTER/MUFFLER, AIR, 0.1 UM, INLINE, DISPOSABLE	1				
35					10-20444			TUBING, 7/16 OD X 1/4 ID,TYGON, SANITARY SILICONE, 3350	2.75				
36					10-20543			FITTING, ELBOW, 1/8IN MNPT - 1/4IN HOSE BARB, BRASS	2				
37					10-20560			PUMP ASSY, AIR, 12VDC, 1/8" FNPT, W/CONNECTOR	1				
38						10-20430		PUMP, AIR, 12VDC, 1/8" FNPT	1				
39				10-40089				ASSY, BULKHEAD, SMS	1	Kanban item. Moved from 10-50028			
40					10-10037			COUPLING INSERT, 6 TUBE, 1/8ID, FEMALE INSERT, SHUTOFF	1				
41				10-40096				ASSY, COALESCING FILTERS, SMS	1	Kanban item. Moved from 10-50028			
42					10-20847			FILTER, COALESCING, 0.125 IN FNPT PORTS, ALUMINUM HEAD, POLYCARBONATE BOWL, MANUAL DRA	2				
43					10-10020			FITTING, 1/8 MNPT X 1/8 BARB, 90, KYNAR	4				
44					10-10188			TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	3				
45					10-10231			FITTING, TEE, 1/8IN BARB	1				
46					10-20432			FILTER, ELEMENT, COALESCING, 0.1 UM, DISPOSABLE	2				
47			100-2126					HOSE CLAMP, 1/4-5/8 DIA.	2	Mount 10-30052 air dryer			
48			10-50098					ASSY, KANBAN GROUP, SMS CART 2	1	New phantom kanban			
49				10-30191				ASSY, SHEATH/CLEAN PRESSURE RESERVIOR, SMS, STEPPED HEIGHT FLOAT SWITCH MOUNTING	2	Kanban item			
50					10-10188			TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	1	.09 ft			
51					10-10216			FITTING, 10-32 STT, 1/8" ID TUBING, NYLON	5				
52					10-10241			TUBING, 1/4 OD X 1/8 ID,TYGON, SANITARY SILICONE, 3350	1	0.18			
53					10-20298			RESERVOIR, SHEATH/WASTE	1				
54					10-20452			VALVE, PRESSURE RELIEF, 15 PSI, 1/8MNPT	1				
55					10-20453			O-RING, 82MM, 70 BN	1				
56					10-20672			VALVE, CHECK, 0.5 PSI CRACK, 60 PSI MAX., POLYPROPYLENE, HASTELLOY SPRING, VITON O-RING	1				
57					10-20844			SWITCH, FLOAT, LIQUID LEVEL, 3/8"-16 UNC, WITH CONNECTOR	3				
58					10-20904			LID, RESERVOIR, SHEATH/WASTE, STEPPED HEIGHT	1				
59				10-40148				ASSY, WASTE PUMP, W/ DETACHED SWITCHES, SMS	1	Kanban item			
60					10-10015			FITTING, 1/8 MNPT X 1/8 BARB, STRAIGHT, KYNAR	8				
61					10-10019			FITTING, 1/4 MNPT X 1/8 BARB, 90, KYNAR	2				
62					10-10098			TUBING, 1/4 OD X 1/8 ID, PVC, RED STRIPE, MEDICAL GRADE	10				
63					10-10211			HOSE CLAMP, .228" - .256", PLASTIC	10				
64					10-10231			FITTING, TEE, 1/8IN BARB	1				
65					10-20436			SWITCH, VACUUM, LIQUID, 0-5 IN HG	1				
66					10-20495			COUPLING, QUICK CONNECT, INLINE, 1/8" ID BARB, FEMALE, SHUTOFF	1				
67					10-20558			PUMP ASSY, LIQUID, 12VDC, VACUUM, DUAL HEAD, 1/8" FNPT, WITH CONNECTOR	1				
68						10-20429		PUMP, LIQUID, 12VDC, VACUUM, DUAL HEAD, 1/8" FNPT	1				
69					10-20705			SWITCH, PRESSURE, LIQUID, 2 PSI	1				
70					200-9519			MANIFOLD, SUPPLY, 4 PORTS, 1/8 MNPT, DELRIN, BLACK	1				
71			10-50099					ASSY, KANBAN GROUP, SMS CART 3	1	New phantom kanban			
72				10-30053				ASSY, CLEANER FILTER,SMS	1	Kanban item			
73					10-10188			TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	1.5				
74					10-20533			FILTER, LIQUID, 70 MICRON, .250" MNPT, 2 VENT/DRAIN PORTS	1				
75					10-20538			FITTING, ADAPTER, 1/4IN FNPT TO 1/8IN HOSE BARB, CLEAR POLYPROPYLENE	2				
76				10-30155				ASSY, AIR REGULATOR, SMS	1	Kanban item			
77					10-10015			FITTING, 1/8 MNPT X 1/8 BARB, STRAIGHT, KYNAR	4				
78					10-10020			FITTING, 1/8 MNPT X 1/8 BARB, 90, KYNAR	5				
79					10-10188			TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	5				
80													

BOM, Fluidics, CyAn ADP 02, LX, 9 Color, 3 Laser, 10-92059, From Agile													
	Part Number												
Item #	Level 0	Level 1	Level 2	Level 3	Level 4	Level 5	Level 6	Item Description	Qty	BOM Notes			
131					10-20495			COUPLING, QUICK CONNECT, INLINE, 1/8" ID BARB, FEMALE, SHUTOFF	1				
132				10-40095				ASSY, CONNECTION TO CYAN, SMS	1	Kanban item			
133					10-40097			ASSY, HOSE, FLUIDICS, SMS	1				
134						10-10024		TUBING, 1/4 OD X 1/8 ID, PVC, CLEAR, MEDICAL GRADE	10				
135						10-10032		COUPLING BODY, 6 TUBE, 1/8ID, MALE INSERT	1				
136						10-10036		COUPLING BODY, 6 TUBE, 1/8ID, FEMALE INSERT, SHUTOFF	1				
137						10-10098		TUBING, 1/4 OD X 1/8 ID, PVC, RED STRIPE, MEDICAL GRADE	10				
138						10-10188		TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	10				
139						10-20491		COVER, HOSE, FLUIDIC, 3/4 IN RIBBED, 2950MM, SMS	1				
140						10-20513		COUPLING, HOSE COVER, 1" ID, 1.25" OD, LATEX RUBBER TUBING, BLACK	1				
141				10-40112				ASSY, ADAPTER, CUBITAINER, SMS	1	Kanban item			
142					10-10188			TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	2				
143					10-10392			COUPLING, QUICK CONNECT, INLINE, 1/8" ID BARB, MALE	1				
144					10-20440			COUPLING, QUICK CONNECT, INLINE, 1/8" ID BARB, MALE, SHUTOFF	1				
145				10-40131				ASSY, WASTE CONTAINER, FLEXIBLE FILTER, SMS	2	Kanban item			
146					10-20700			CONTAINER, MODIFIED, WASTE, SMS	1				
147						10-20405		CONTAINER, 20L, 70MM TOP, PLASTIC, SMS	1				
148					10-30058			ASSY, CAP, WASTE CONTAINER	1				
149						10-20697		COUPLING, QUICK CONNECT, 1/4MNPT, INSERT	1				
150						10-20701		CAP, MODIFIED, WASTE CONTAINER, SMS	1				
151							10-20566	CAP, 70MM THREAD FLAT, PLASTIC	1				
152						10-20704		COUPLING, QUICK CONNECT, 1/4MNPT, BODY	1				
153					10-30159			ASSY, FLEXIBLE FILTER, W/ TUBING, SMS	1				
154						10-10390		FITTING, BARBED, MALE PIPE ADAPTER, 1/4"NPT X 3/8" ID TUBING	1				
155						10-10391		ADAPTER, FEMALE, 1/4"NPT TO 3/8" TUBING	1				
156						10-10414		HOSE CLAMP, .569"-.650", ACETAL (WHITE)	2				
157						10-20695		FILTER, AIR, HYDROPHOBIC, 0.2UM, 500CM2, DISPOSABLE	1				
158						15-10244		TUBING, 1/2 OD X 1/4 ID, PEROXIDE	1				
159		10-50051						ASSY, FLUIDICS CONTROL, CYAN	1				
160			10-10012					FITTING, 10-32 X 1/16 BARB, STRAIGHT, KYNAR	1				
161			10-10013					FITTING, 10-32 X 1/8 BARB, STRAIGHT, KYNAR	1				
162			10-10016					FITTING, 10-32 X 1/16 BARB, 90, KYNAR	3				
163			10-10017					FITTING, 10-32 X 1/8 BARB, 90, KYNAR 1000HD	3				
164			10-10018					FITTING, 10-32 X 3/32 BARB, 90, KYNAR	2				
165			10-10019					FITTING, 1/4 MNPT X 1/8 BARB, 90, KYNAR	2				
166			10-10021					FITTING, 3/16 BONDABLE X 1/16 BARB, 90, POLYSULFONE	1				
167			10-10024					TUBING, 1/4 OD X 1/8 ID, PVC, CLEAR, MEDICAL GRADE	1.5				
168			10-10025					TUBING, 1/8 OD X 1/16 ID, PVC, CLEAR, MEDICAL GRADE	0.8				
169			10-10026					TUBING, 3/16 OD X 3/32 ID, PVC, CLEAR, MEDICAL GRADE	0.6				
170			10-10027					FILTER, DISC, 0.2UM, 25MM DIA, POLYPROPYLENE	1				
171			10-10031					FITTING, 3/16 BONDABLE X 3/32 BARB, 90, POLYSULFONE	1				
172			10-10033					COUPLING BODY, TWIN TUBE, 1/8ID	1				
173			10-10035					COUPLING INSERT, TWIN TUBE, 1/8ID	1				
174			10-10084					FITTING, 3/32 BARB, FEMALE LUER, KYNAR	1				
175			10-10098					TUBING, 1/4 OD X 1/8 ID, PVC, RED STRIPE, MEDICAL GRADE	3				
176			10-10188					TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	1.3				
177			10-10189					TUBING, 5/32 OD X 3/32 ID, TYGON, CLEAR, HOSPITAL GRADE	1.5				
178			10-10196					FITTING, 1/8 BARB, 200 SERIES, MALE LUER, POLYPROPYLENE	1				
179			10-10211					HOSE CLAMP, .228" - .256", PLASTIC	2				
180			10-10231					FITTING, TEE, 1/8IN BARB	1				
181			10-10232					FITTING, CROSS, 1/8 IN BARB, WHITE NYLON	1				
182			10-10277					FITTING, TEE, 3/32" BARB	1				
183			10-10278					FITTING, TEE, REDUCTION, 1/8" AND 3/32"	1				
184			10-20001					MANIFOLD ASSY, FLUIDICS, 8 PORTS, 10-32, ULTEM	1				
185			10-20098					REGULATOR, AIR, 3-15 PSI, 4-20MA, 1/4 FNPT	1				
186			10-20358					HOLDER, FILTER, FEMALE LUER, IN-LINE, 25MM INSERT, POLY.	1				
187			10-20436					SWITCH, VACUUM, LIQUID, 0-5 IN HG	1				
188			10-20437					SWITCH, PRESSURE, LIQUID, 0-4 PSI	1				
189			10-20656					SAMPLE INPUT SHIELD	1				
190			10-20752					VALVE, PINCH, N/O, 2-WAY, 12VDC, 25 PSI	1				
191			???					ADHESIVE, LOCTITE 406	AR				
192			10-30107					ASSY, TUBE WITHIN A TUBE, CYAN SHARPE	1				
193				10-10014				FITTING, 10-32 X 3/32 BARB, STRAIGHT, KYNAR	2				
194				10-10017				FITTING, 10-32 X 1/8 BARB, 90, KYNAR 1000HD	1				
195				10-10023				O-RING, 1/2" ID, 11/16" OD, 3/32" W, 40SIL	1				
196				10-10026				TUBING, 3/16 OD X 3/32 ID, PVC, CLEAR, MEDICAL GRADE	0.05				
197				10-10085				PLUG, 3/32 BARB, POLYPROPYLENE	1				
198				10-10163				O-RING, .110" ID X .031" W, SILICONE	2				
199				10-20218				TUBE ASSY, SAMPLE PICKUP, .010" ID, SS	1				
200				10-20219				TUBE ASSY, WASTE, .079" ID, SS	1				
201				10-20220				COLLAR, 5ML SAMPLE	1				
202				10-20662				VALVE, SOLENOID, 2-WAY, MANIFOLD MOUNT	1				
203			200-5598					CLIP, MOUNTING, .75", PINCH VALVE	1	not a fluidic component			
204		10-50092						ASSY, OPTICAL TABLE, LX, 9 COLOR, O2	1				
205			10-50049					ASSY, FLOW CELL, O2	1	Moved from 10-92059			
206				10-10069				O-RING, 1/16" ID, 3/16" OD, AS568A-003, EPDM, DURO=50	2				
207				10-10082				FITTING, 3/32 BARB, MALE LUER, KYNAR	1				
208				10-10161				O-RING, 3/8" ID, 1/2" OD, AS568A-012, EPDM, DURO=70	1				
209				10-10189				TUBING, 5/32 OD X 3/32 ID, TYGON, CLEAR, HOSPITAL GRADE	0.5	6" used in BP and Unit of measure is in FT			
210				10-20504				CUVETTE, THIN WINDOW, CEMENTED LENS, O2	1				
211				10-20576				FLOW CELL, TOP, CUVETTE MOUNT, O2	1				
212				10-20577				GASKET, CUVETTE, SILICONE, RECTANGULAR, O2	2				
213				10-20578				PLATE, SEALING, CUVETTE WASTE, O2	1				
214				10-20580				UPPER GASKET, RETAINER, O2	1				
215				10-20582				FLOW CELL, BOTTOM, THIN WINDOW CUVETTE, O2	1				
216				10-20589				TUBE, INJECTION, FLANGED, O2	1				
217		10-60035						ASSY, KANBAN GROUP, CHASSIS, LX	1	New Kanban kit			
218			10-30013					ASSY, WASTE RESERVOIR, CYAN	1	Moved from 10-60033			
219				10-10021				FITTING, 3/16 BONDABLE X 1/16 BARB, 90, POLYSULFONE	1	Moved from 10-60033			
220				10-10030				FITTING, 3/16 BONDABLE X 3/32 BARB, STRAIGHT, POLYSULFONE	1				
221				10-10031				FITTING, 3/16 BONDABLE X 3/32 BARB, 90, POLYSULFONE	1				
222				10-10103				O-RING, 15/16" ID, 1/16" W, AS568A-021, BUNA N	1				
223				???				Adhesive, Loctite 406					
224				10-20072				COVER, LIGHT CHAMBER, W/LOGO	1				
225				10-20083				CHAMBER, LIGHT, UPPER	1				
226			10-50052					ASSY, BULKHEAD, FLUIDIC/ELECTRIC, LX, CYAN SHARPE	1	Moved from 10-60033			
227				10-10024				TUBING, 1/4 OD X 1/8 ID, PVC, CLEAR, MEDICAL GRADE	1				
228				10-10033				COUPLING BODY, TWIN TUBE, 1/8ID	1				
229				10-10034				COUPLING INSERT, 6 TUBE, 1/8ID, MALE INSERT	1				
230				10-10035				COUPLING INSERT, TWIN TUBE, 1/8ID	1				
231				10-10098				TUBING, 1/4 OD X 1/8 ID, PVC, RED STRIPE, MEDICAL GRADE	1				
232				10-10188				TUBING, 1/4 OD X 1/8 ID, TYGON, CLEAR, HOSPITAL GRADE	1				
233		10-20100						LEVER, SAMPLE, 5ML TUBE	1	Used in 10-50051, Assy, Fluidics Control, AD			