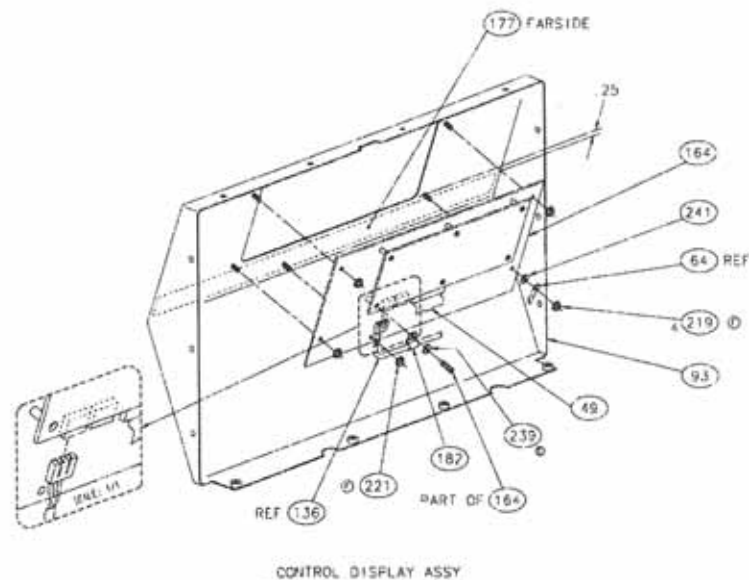
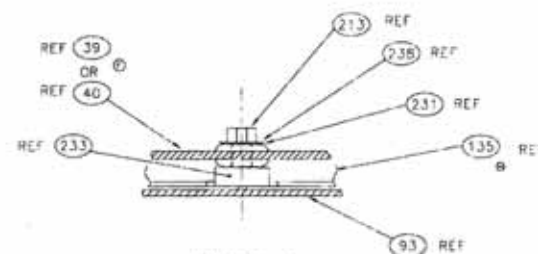
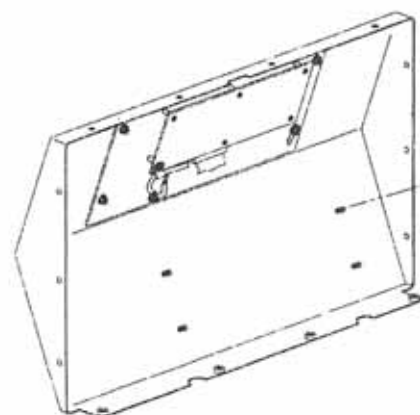
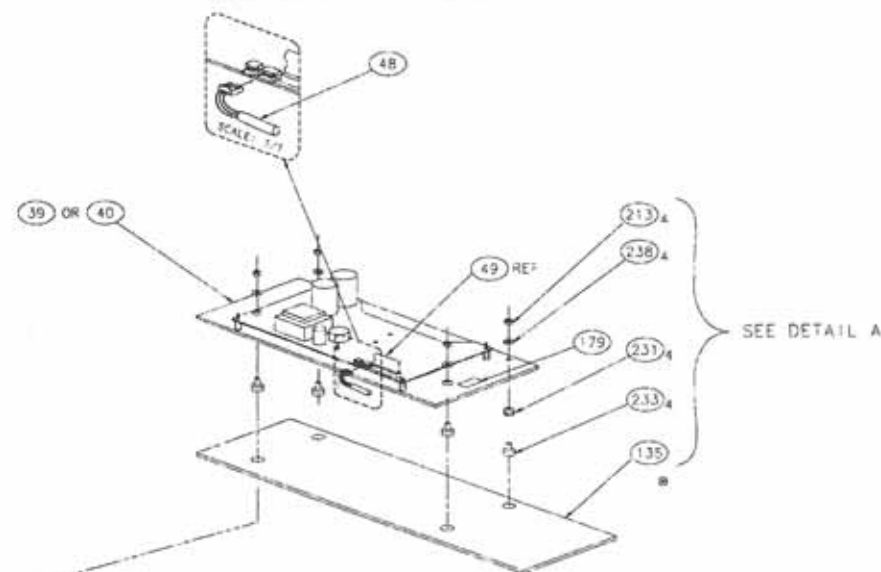


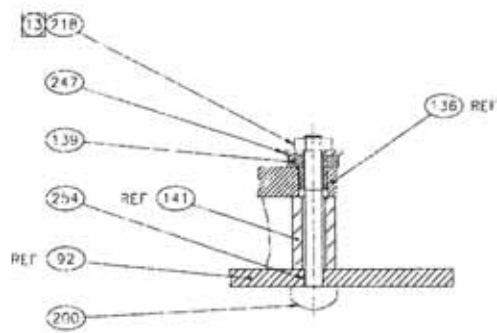


POWER BOARD ASSY
ROTATED TO SHOW CABLE CONNECTION

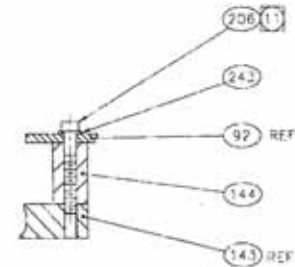
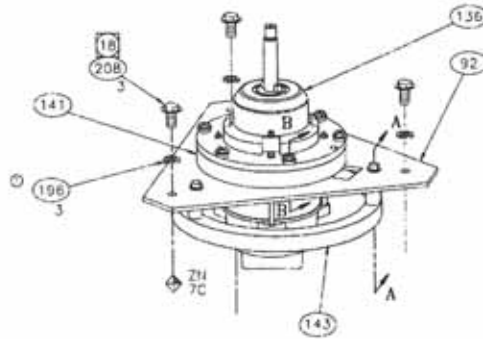




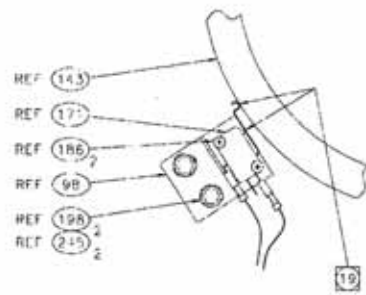
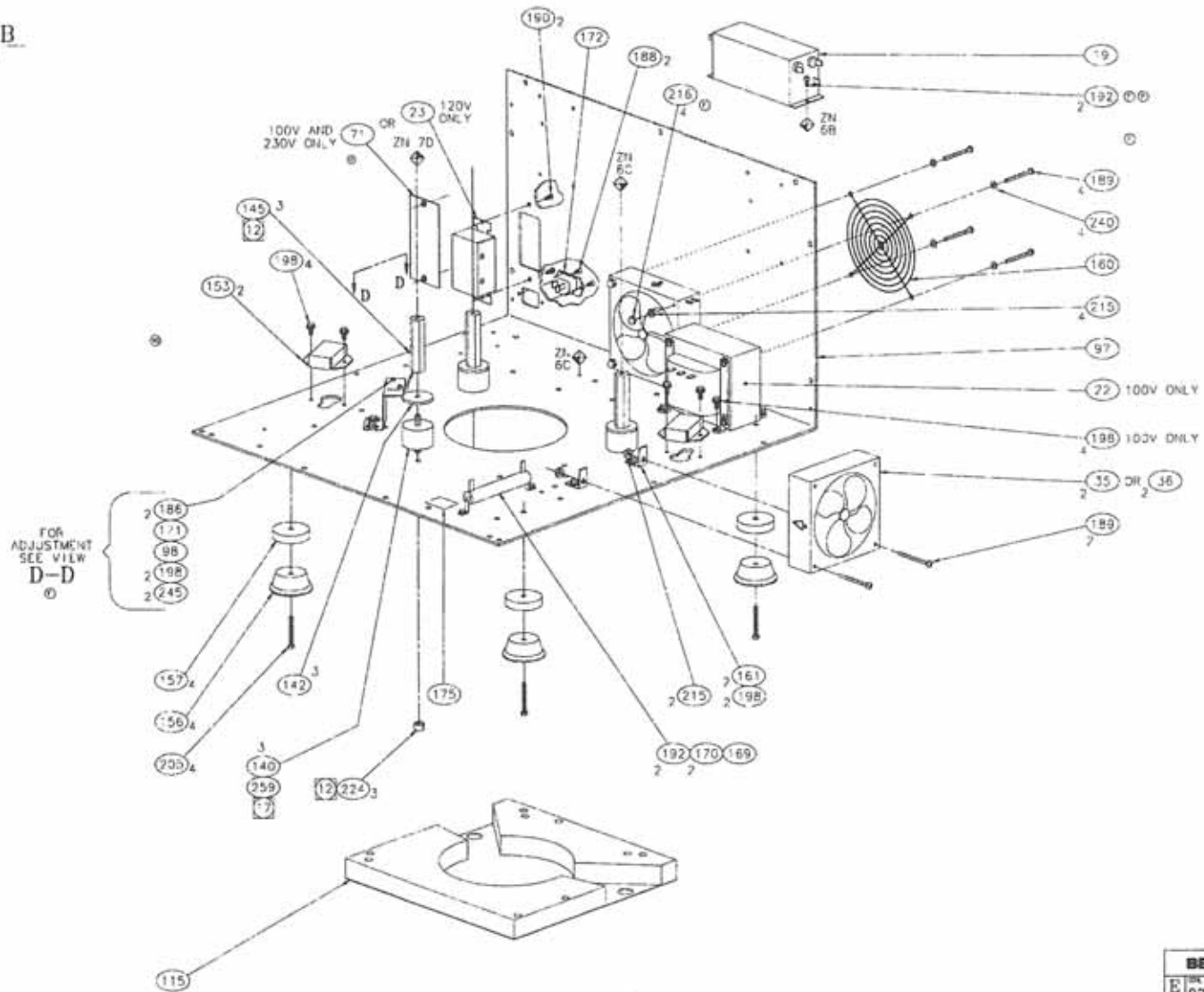
16



SECTION B-B
SCALE: 2/1
5 PLACES



SECTION A-A
SCALE: 1/1
3 PLACES



VIEW D-D
SCALE: 1/1
2

D

C

B

A

D

C

B

A

E 365300
 A

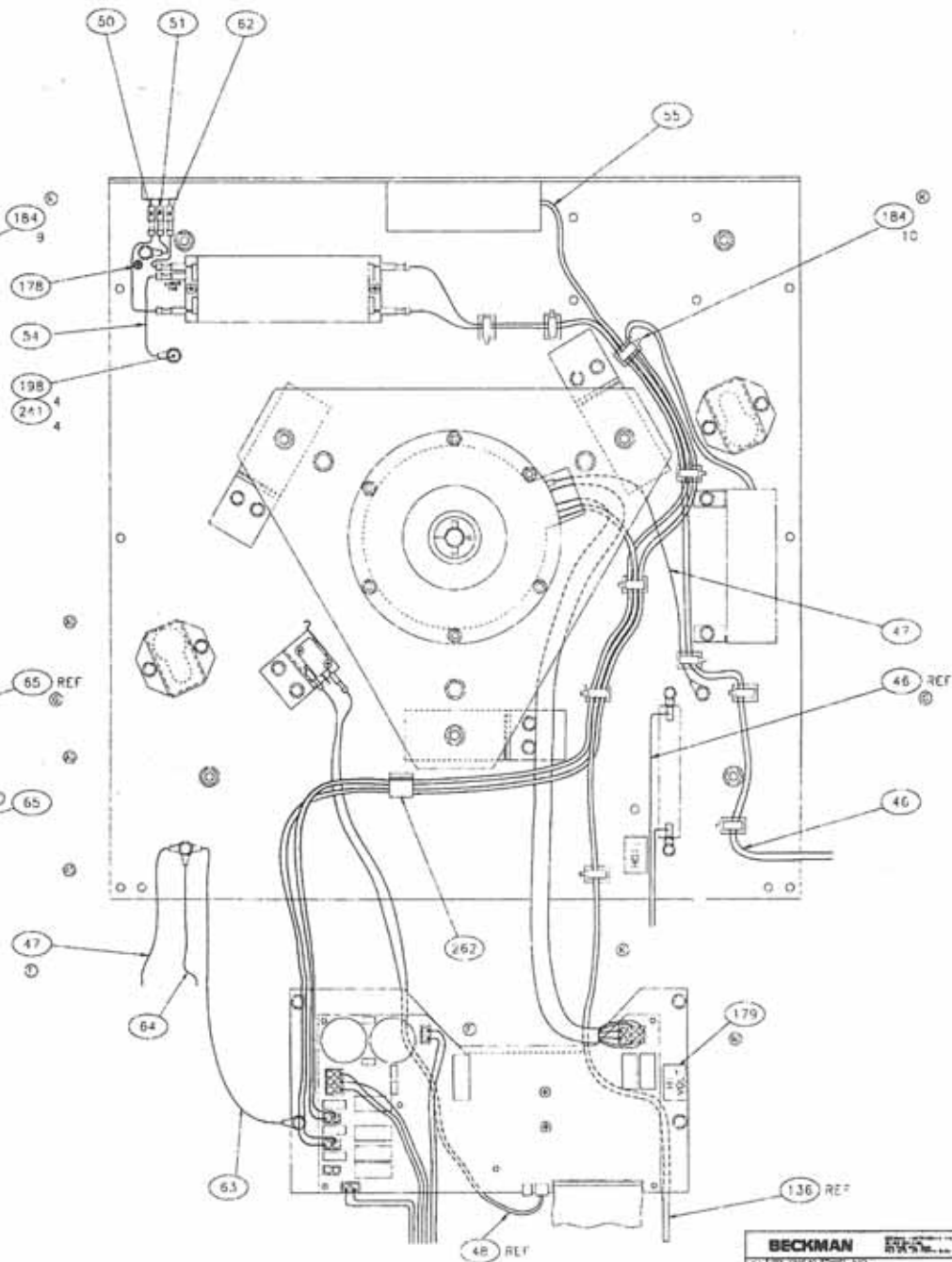
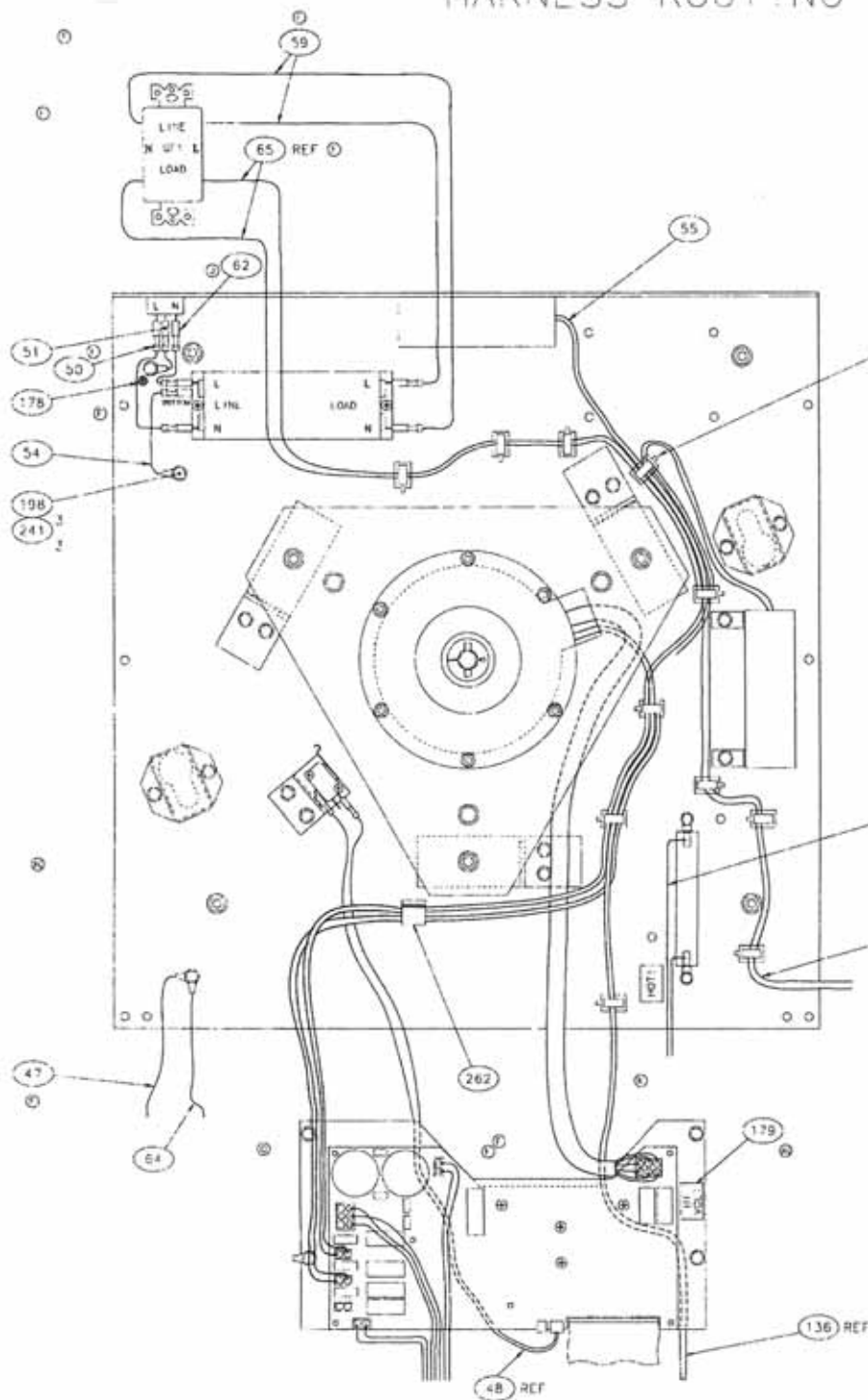
HOUSING SUB-ASSY
 SEE SHEET 8

FRONT PANEL ASSY
 SEE SHEET 7

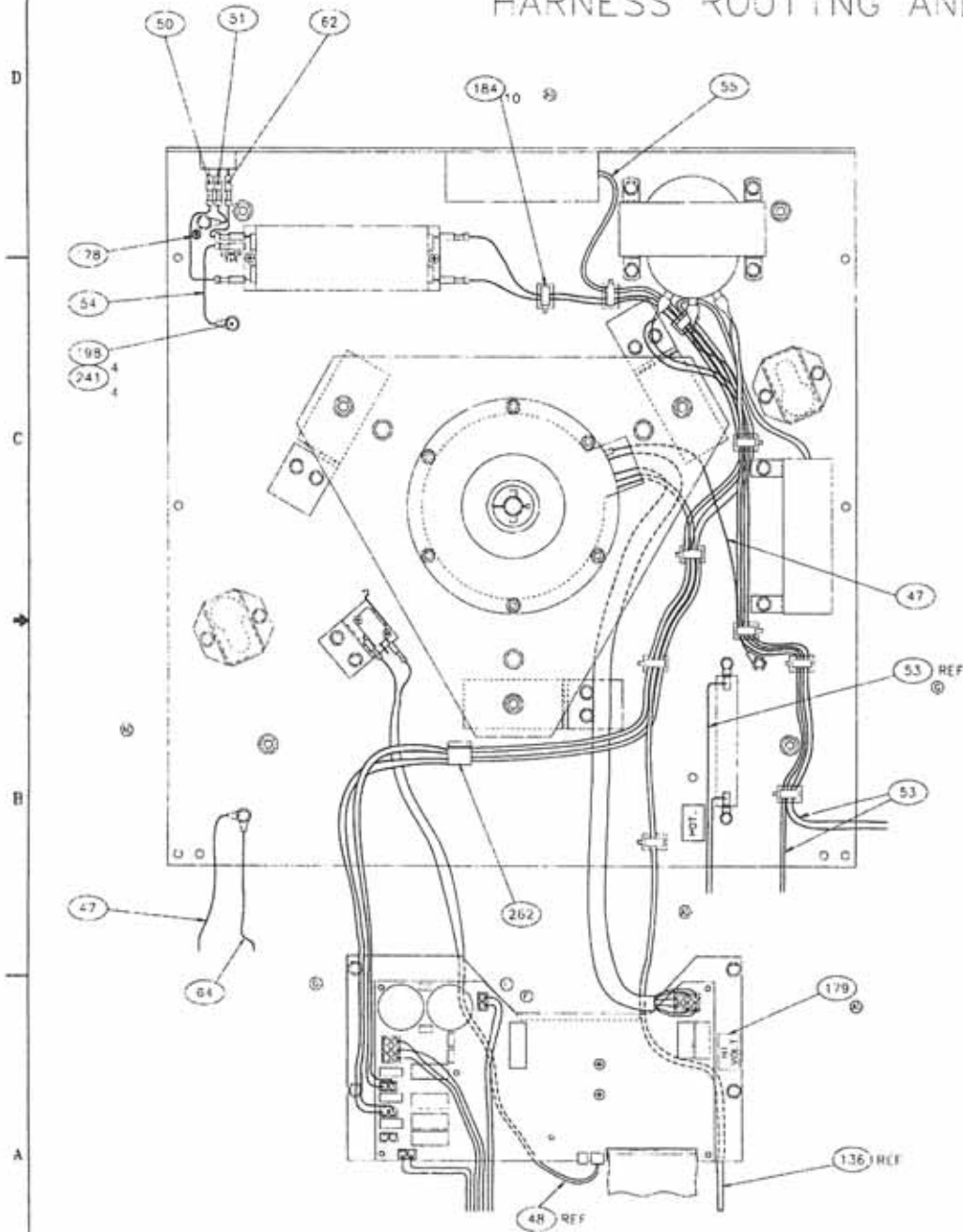
CHASSIS SUB-ASSY
 SEE SHEET 7

HARNESS ROUTING AND GROUND LOCATIONS

1-4	1-6	1-8	1-10
1-12	1-14	1-16	1-18
1-20	1-22	1-24	1-26
1-28	1-30	1-32	1-34
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1-732	1-734	1-736	1-738
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1-868	1-870	1-872	1-874
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1-980	1-982	1-984	1-986
1-988	1-990	1-992	1-994
1-996	1-998	1-1000	1-1002



HARNESS ROUTING AND GROUND LOCATIONS



100V 50/60HZ INSTRUMENT

THIS DOCUMENT CONTAINS UNCLASSIFIED INFORMATION OF BECKMAN INSTRUMENTS, INC. AND IS UNCLASSIFIED BY THE COMPTON-001. THE INFORMATION IS TO BE RELEASED IN CONFIDENCE. (S) NOT BY REPRODUCTION OR COPIES IN WHOLE OR IN PART AND (S) NOT BE USED OR REPRODUCED IN ANY PRODUCT, EXCEPT UNDER AN EXPRESS WRITTEN AGREEMENT WITH BECKMAN INSTRUMENTS, INC.			
CHG.	E.C. NO.	DATE	BY
AL		SEE SHEET 1	CHK.

				45		
				44		
				43		
				42		
				41		
Ⓢ	1		22C	40	392055	CNTL BD/HEATSINK ASSY - 230V
Ⓢ		1	22C	39	392054	CNTL BD/HEATSINK ASSY - 120V
				38		
				37		
Ⓢ	2		5B	36	361858	FAN, 230V 50/60HZ
	2	2	5B	35	961187	FAN, 115V 50/60HZ
				34		
				33		
	1		12B	32	365371	LATCH, 230V 50HZ
		1	12B	31	365706	LATCH, 120V 60HZ U.L.
				30		
Ⓢ	1		2B	29	336067	LABEL, 50HZ ONLY
Ⓢ	1	1	2B	28	728845	LABEL, FCC
Ⓢ	1	1	2B	27	605175	LABEL, CSA
Ⓢ	1	1	2B	26	605134	LABEL, C-TICK
Ⓢ	1	1	2B	25	456259	LABEL, CE
				24		
Ⓢ		1	7C	23	A08797	GFCI
			5B	22	365436	TRANSFORMER
Ⓢ				21		
				20		
Ⓢ	1	1	5C	19	927928	EMI FILTER 230V
				18		
				17		
	1		(NOT SHOWN)	15	889545	POWER CORD, 230V
		1	(NOT SHOWN)	14	961919	POWER CORD, 120V 15A
Ⓢ	1	1	(NOT SHOWN)	13	365333	MEMO, READ MANUAL
				12		
	1		2B	11	365339	PLATE, NAME RAT NO, DLX 230V 50HZ
		1	2B	10	365338	PLATE, NAME RATING, DLX 120V 60HZ
			2B	9	365337	PLATE, NAME RATING, DLX 100V 50/60HZ
				8		
				7		
				6		
Ⓢ	1	1	(NOT SHOWN)	5	365325	SHIPPING LIST, SPINCHRON DLX 120V
				4		
	1	1	(NOT SHOWN)	3	365379	PACKAGING, INSTRUMENT
				2		
	1	1	(NOT SHOWN)	1	365301	CENTRIFUGE ASSY, COMMON
QTY			ZONE	ITEM	PART NO.	DESCRIPTION
SPINCHRON DLX CENTRIFUGE 230V 50HZ 365304	SPINCHRON DLX CENTRIFUGE 120V 60HZ 365303	SPINCHRON DLX CENTRIFUGE 100V 50/60HZ 365302				
						BECKMAN
						BECKMAN INSTRUMENTS, INC. 5000 UNIVERSITY AVENUE, EL PASO, TEXAS
						CODE IDENT NO. DWG NO.
						07978 365300
						SCALE 1st USE SHEET 2 OF 11

365300

C

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DWG.	C.O.NO.	DATE	BY	CHK
AL		SEE SHEET 1		

				90		
				89		
				88		
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				73		
				72		
1		1		71	365353	PLATE, GFCI
			(NOT SHOWN)	69	365448	JIT KIT, ELECTRICAL 100V
1			(NOT SHOWN)	68	365373	JIT KIT, ELECTRICAL 230V
	1		(NOT SHOWN)	67	365372	JIT KIT, ELECTRICAL 120V
				66		
	(1)		15B, 16D	65	392065	HARNESS, MAIN - 120V
(2)	(1)	(1)	5A, 14A, 16A, 20A	64	365374	JUMPER, FRONT PANEL TO GROUND
				63		
(1)	(1)	(1)	14D, 16C, 20D	62	365381	JUMPER, FMI TO NEUTRAL
				61		
				60		
	(2)		16D	59	365334	JUMPER, EMI TO GFCI
				58		
				57		
				56		
(1)	(1)	(1)	19C, 15C, 13C	55	365429	CABLE, FAN
(1)	(1)	(1)	15C, 16C, 20C	54	365427	JUMPER, FMI TO GROUND
		(1)	19B	53	365426	HARNESS, MAIN - JAPAN 100V
(1)	(1)	(1)	19B, 15B, 13B	52	365425	HARNESS, BRAKE RESISTOR
(1)	(1)	(1)	14D, 16C, 20D	51	365424	JUMPER, AC TO GROUND
(1)	(1)	(1)	14D, 16C, 20D	50	365423	JUMPER, AC TO EMI FILTER
(1)	(1)	(1)	5A, 8C	49	365404	CABLE, FLAT RIBBON
(1)	(1)	(1)	8B, 14A, 16A, 20A	48	365403	CABLE, IMBALANCE
(1)	(1)	(1)	14A, 16A, 19B, 20A	47	365402	JUMPER, GROUND
(1)			13B	46	365401	HARNESS, MAIN - 230V
QTY			ZONE	ITEM	PART NO.	DESCRIPTION

AG
AF
AF
F
F
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AG
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F
F

SPINCHRON DLX
CENTRIFUGE
230V 50HZ
365304

SPINCHRON DLX
CENTRIFUGE
120V 60HZ
365303

SPINCHRON DLX
CENTRIFUGE
120V 50/60HZ
365302

BECKMAN BECKMAN INSTRUMENTS, INC.
SPINCHRON DLX
120V 50/60HZ
365303, 365304, 365302

C
SIZE
CODE IDENT NO. 07978
DWG NO. 365300

SCALE -- 1:1 USE -- SHEET 3 OF 11

365300

			185		
15C, 20C, 16C	184	11	870170	CLAMP, WHITE NYLON .50	
	183				
5A	182	1	003344	CLAMP, BLACK NYLON .125	
	181				
10B, 3A	180	2	478301	LABEL, CAUTION	
12B, 13A, 15A, 19A	179	2	456025	LABEL, HIGH VOLTAGE	
20C, 15C, 16C	178	1	456024	LABEL, GROUND	
5B	177	1	365368	LABEL, NAMESTRIP OVERLAY	
4B	176	1	340574	LABEL, ROTATION ARROW	
7A	175	1	338831	LABEL, HCT	
	174				
	173				
6C	172	1	927867	RECEPTACLE, POWER	
7B, 8A	171	1	978042	SWITCH, IMBALANCE, SPDT	
7A	170	2	974819	BRACKET, RESISTOR	
7A	169	1	974782	RESISTOR	
	168				
11B	167	1	893388	BREAKER, POWER 15A	
	166				
	165				
5A	164	1	365776	PANEL ASSEMBLY, CONTROL/DISPLAY	
	163				
	162				
6B	161	2	893514	BRACKET, MOUNTING - FAN	
5C	160	*	876667	FINGER GUARD	
	159				
	158				
7B	157	4	893515	SPACER, FOOT	
7B	156	4	358798	FOOT	
	155				
7C	154	1	366719	INSULATOR, TRANSISTOR MODULE	
7C	153	2	360885	COVER, IIE DOWN SLOT	
	152				
	151				
10D	150	1	358009	MOTOR BELLOWS	
12A	149	1	365439	DOOR SEAL	
10D	148	1	365444	BOWL, PAINTED	
	147				
	146				
7B	145	3	367867	STANDOFF	
5D	144	3	365415	SPACER, BALLAST RING	
5D, 6D, 8B	143	1	365414	BALLAST RING	
7B	142	3	367866	DISC	
7D	141	1	367218	RING MOUNT, MOTOR (MOLDED)	
7B	140	3	367868	DAMPER, VIBRATION	
8J	139	6	349786	CROWFEET, MOTOR MOUNTING	
	138				
	137				
6D	136	1	365382	DRIVE ASSEMBLY	
ZONE	ITEM	QTY	PART NO.	DESCRIPTION	

CENTRIFUGE ASSY, COMMON
365301

⑤	21A,B	135	1	392037	PLATE, DAMPING PAD	
		134				
		133				
	4C	132	2	961651	HINGE	
	4D	131	1	358020	STRIKER	
	12B	130	2	361939	SPACER, LATCH	
		129				
		128				
	12A	127	1	365408	SAFETY LOCK ASSEMBLY	
		126				
		125				
	4D	124	1	365385	DOOR ASSEMBLY	
		123				
		122				
⑤	10C	121	1	365406	BARRIER	
		120				
		119				
	10C	118	(3)	365441	FOAM, BARRIER	
		117				
	10D	116	(1)	365438	DAMPING SHEET, BOWL	
	7A	115	(1)	365409	FOAM EXHAUST ASSEMBLY	
	11C	114	(1)	365400	PANEL, SIDE - RIGHT	
	10A	113	(1)	365398	PANEL, SIDE - LEFT	
		112				
	14	(NOT SHOWN)	111	(1)	365357	FOAM, DOOR - BACK
	14	(NOT SHOWN)	110	(1)	365356	FILTER, DOOR - FRONT
		(NOT SHOWN)	109	1	365376	JIT KIT, FOAM
		108				
⑤		107				
		106				
		105				
		104				
		103				
		102				
	10B	101	(1)	365420	LEVER, RELEASE - MANUAL	
	14	(NOT SHOWN)	100	(1)	365413	PANEL, DAMPING - DOOR
	⑤		99			
		7B,8A	98	(1)	365393	BRACKET, IMBALANCE SWITCH
		5B	97	(1)	365362	CHASSIS
	14	(NOT SHOWN)	96	(1)	365355	DOOR
		12A	95	(1)	365352	HOUSING
	⑤		94			
⑤	5A	93	(1)	392038	PANEL, FRONT	
	6D,8D,5D	92	(1)	349820	PLATE, MOTOR MOUNTING	
	(NOT SHOWN)	91	1	365365	JIT KIT, SHEET METAL	
	ZONE	ITEM	QTY	PART NO.	DESCRIPTION	

CENTRIFUGE ASSY, COMMON
365301

BECKMAN

BIOFORM INSTRUMENTS, INC.
SPACE DIVISION
1050 PAGE MILL ROAD
PAC 6-170 241-0000 (4 lines)

C	CODE IDENT NO.	DWG NO.
SIZE	07978	365300

SCA E USE SHEET 4 OF 11

365300

	280			
	279			
	278			
	277			
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	275			
	274			
	273			
	272			
	271			
	270			
	269			
	268			
	267			
	266			
	265			
	264			
	263			
①	15B	262	1	863201 CLAMP, CABLE
	261			
	260			
	7B	259	A/R	6000106 ADHESIVE (LOCTITE NO. 224)
	9A	258	A/R	6000807 ADHESIVE (LOCTITE NO. 414)
	12A	257	A/R	6504004 MOLD RELEASE
②		256		
	12B	255	A/R	6501301 MOLYKOTE GREASE
	9D, 9D	254	A/R	6000129 ADHESIVE (LOCTITE NO. 635)
	253			
	252			
	251			
	250			
	249			
	4D	248	1	961099 WASHER, FLT .75 O.D., .401 I.D., .03 THK
	8D	247	6	878492 WASHER, FLT .621 O.D., .199 I.D. CRES
	9B	246	2	964920 WASHER, LKG - EXT, M6 STL
③	7B, 8A	245	2	802142 WASHER, FLAT, 10 SCREW S-NI
	10B	244	1	961983 WASHER, FINISH M6 SS
	5D	243	3	808272 WASHER, SLT LKG, 1/4 SCREW
	10C	242	40	816284 WASHER, FLAT 1/4 SCREW
	5A, 8C, 15C, 16C, 20C	241	6	808255 WASHER, LKG - EXT 10 SCREW
	5C	240	4	810690 WASHER, FLT 6 S-ZI
	5A	239	1	810715 WASHER, FLT 4 S-ZI
④	22A	238	4	878795 WASHER, FLT 8
	9B	237	1	885896 SPRING, COMP .36 O.D. .88 LC
	236			
	12A	235	2	818024 SPACER, CYL. NON-THD. .125 LG S
	9B	234	1	970920 SPACER, .25 LG NYLON
⑤	22B	233	4	392036 SPACER
	232			
⑥	8B	231	4	978363 GROMMET, EAR G404-2
ZONE	ITEM	QTY	PART NO.	DESCRIPTION

CENTRIFUGE ASSY, COMMON
365301

	230			
	229			
	228			
	227			
4D	226	1	927746	NUT, M10 X 1.25 S-ZI
	225			
7A, 8B	224	5	848760	NUT, 1/4-20 S-ZI
	223			
	222			
6A	221	1	879488	NUT, 10-32 CAP-CRES-PSV
10D	220	4	018721	NUT, 10-32 SLFLKG-STL
5A, 7A, 10C, 11C	219	26	878636	NUT, 10-32 SLFLKG-S-ZI
8D	218	6	829294	NUT, 10-32 NYLOK-S-Z
⑦	217			
	216	4	879751	NUT, 6-32 CAP-NYLON
5C, 6B	215	6	024687	NUT, 6-32 SLFLKG-S-ZI
⑧	214			
	213			
	212			
	211			
⑨	22A	210	6	881727 SCREW, 6-20 X .375 SLFTPG
	10A	209	1	970358 BOLT, EYE 6-32 X 1.25 S-ZI
⑩	7D	208	3	885500 SCREW, 1/4-20 X 3/4 HXFLG
	10B	207	1	864201 SCREW, FLTHD 1/4-20 1.5 HXSO-S-ZI
⑪	5D	206	3	976279 SCREW, 1/4-20 2.00 HXFLG-S-ZI
	7A	205	4	816325 SCREW, 1/4-20 1.5 P-S-C-PHIL
⑫	2D	204	1	858749 BUMPER, GRAY
⑬	2D	203	1	341987 BRACKET, LID DAMPER
	12A	202	2	961751 SCREW, BTN CAP 10-32 X 2.5 SS-BLK-ZI
	3A	201	10	961700 SCREW, BTN CAP 10-32 X .375 SS-BLK-ZI
	8D	200	6	961965 SCREW, 10-32 X 1.500 HX-SOC-S-ALY
⑭	4C	199	2	803257 SCREW, 10-32 X .500 FL-S-ZI-PHIL
⑮	20, 3A, 5B, 6A, 7A, 7C, 8A	198	28	878542 SCREW, 10-32 X .375 SLFLKG-S-ZI
⑯	7D	197	1	878634 SCREW 10-32 X .5 SLFLKG
⑰	7D	196	3	808272 WASHER, SP LK 1/4 CRES
	195			
⑱	2B	194	8	885833 SCREW, 8-32 X 1/4
⑲	4C	193	4	978135 SCREW, 8-32 X .50 P-S-ZI-PHIL
⑳	7A	192	4	885026 SCREW, 8-32 X .375 SLFLKG-S-ZI
	191			
	6C	190	2	889105 SCREW, 6-32 X .25 SLFLKG-S-ZI
	5B, 5C	189	6	804428 SCREW, 6-32 X 2.0 P-S-ZI-PHIL
	6C	188	2	803124 SCREW, 6-32 X .25 FH-S-ZI-PHIL
㉑		187		
	7B, 8A	186	2	809895 SCREW, SEMS 4-40 X .625
ZONE	ITEM	QTY	PART NO.	DESCRIPTION

CENTRIFUGE ASSY, COMMON
365301

BECKMAN

BECKMAN INSTRUMENTS INC
9733 N.W. 14th Ave. Miami, FL 33157

C SIZE	CODE IDENT NO.	DWG NO.
	07978	365300
SCALE — 1st USE — SHEET 5 OF 11		