280MM PLATE

2.6A HOT / 13V 280MM

EACH LEG 5 LEGS SPACED

40, 30, 20, 10

MEASURE TEMP EVERY 2CM

FROM -70 TO +70

(25 CM SPAN

TEST 1 RUNNING

≈ 1/2 HOUR FIRST ON

POLY PAK THEN ON BENCH

JUST THE 5 WIRES

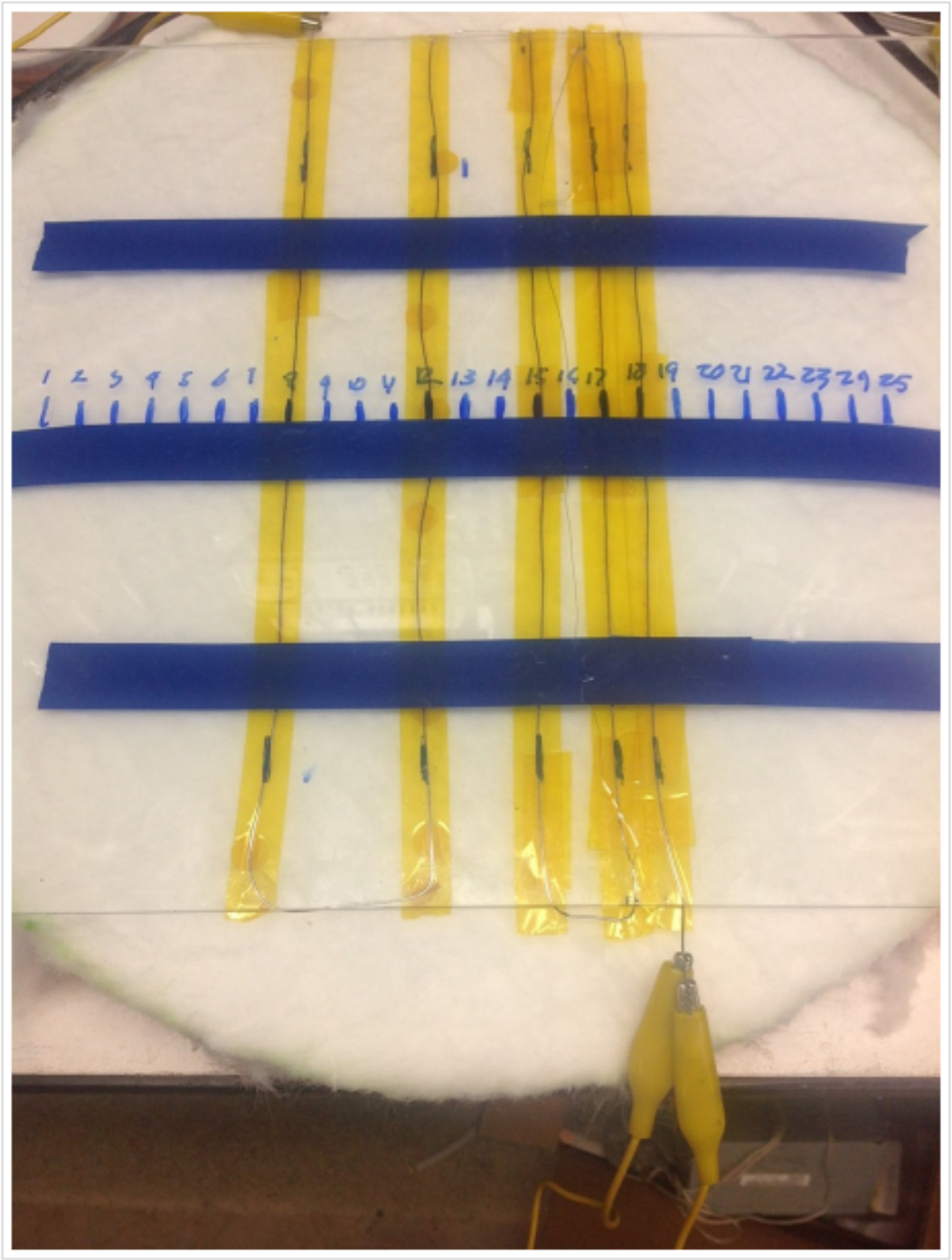
126	961	17	105	2529
227	1057	18	99	
328	1165	19	71	
430	1278	20	49	AMB
534	1372	21	40	25
641	1473	22	35	+
752	1594	23	31	10:50
864	1697	24	24	

DATA SET 2 11:50Pm

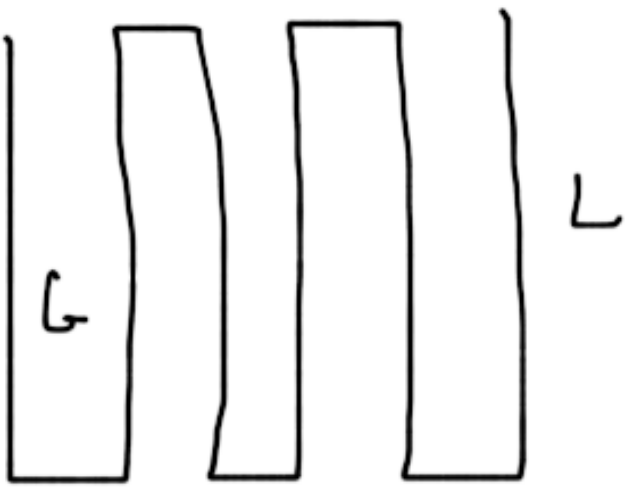
≈1.5 Hours

1 26
2 27
3 29
4 31
5 35
6 42
7 55
8 72
9 69
10 61
11 69
12 81
13 76
14 79
15 97
16 101
17 101
18 99
19 92
20 51
21
22
23
24
25

HEATER



EXPERIMENT #2
2 WINDINGS 750 MM EA



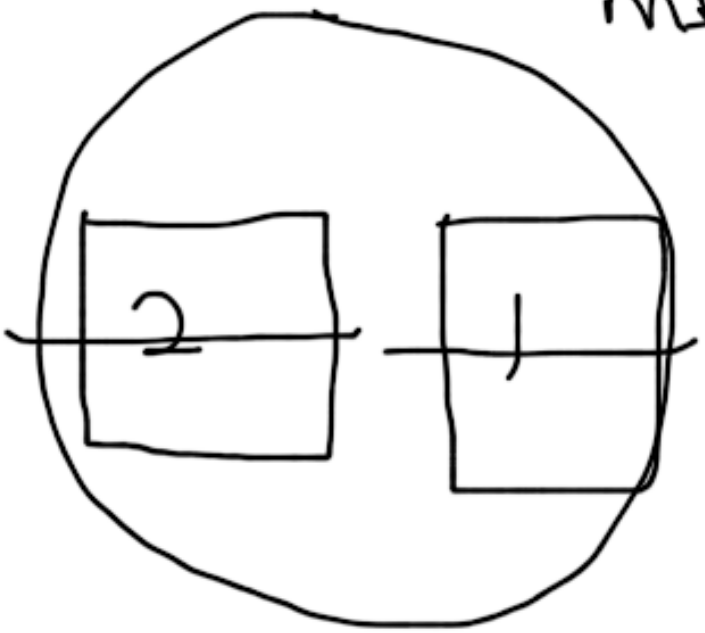
1 G = 30 MM

L = 124 MM

2 G = 20 MM

L = 136 MM

TOP VIEW



RUN TO EQUILIBRIUM

TAKE DATA EVERY 1 MIN FOR 10-15 THEN EVERY 5

AFTER EQUILIBRIUM

MEASURE THE GRADIENT EVERY CM START & FINISH 2CM OUTSIDE THE GRIPS.

20cm CENTER WIRE 1

30 cm CENTER WIRE 9

T	20 (1)	30 (9)	AMD =
0	25	25	I02.25
1	32	31	
2	38	35	
3	44	41	
4	48	44	
5	53	46	
6	58	50	
7	62	52	
8	64	55	
9	69	57	
10	76	59	
11	72	61	CONT →
12	74	62	

T	20	30	TACT
15	80	67	
20	87	72	20.5
25	90	77	25.0
30	92	78	30.0
45	95	79	45.0
60	95	80	60.0
75	95	81	

MURF →

TEMP PROFILE AFTER 75 MIN

20 cm		30 cm			
1	53	(22)	1	45	35 14 73
2	68		2	35	15 79
3	85		3	73	16 71
4	89	25	4	73	17 53
5	96		5	73	
6	93		6	82	
7	96		7	74	
8	92		8	72	
9	94	30	9	81	
10	87		10	79	
11	85		11	75	
12	63		12	84	
13	99		13	80	
14	36				

FINAL

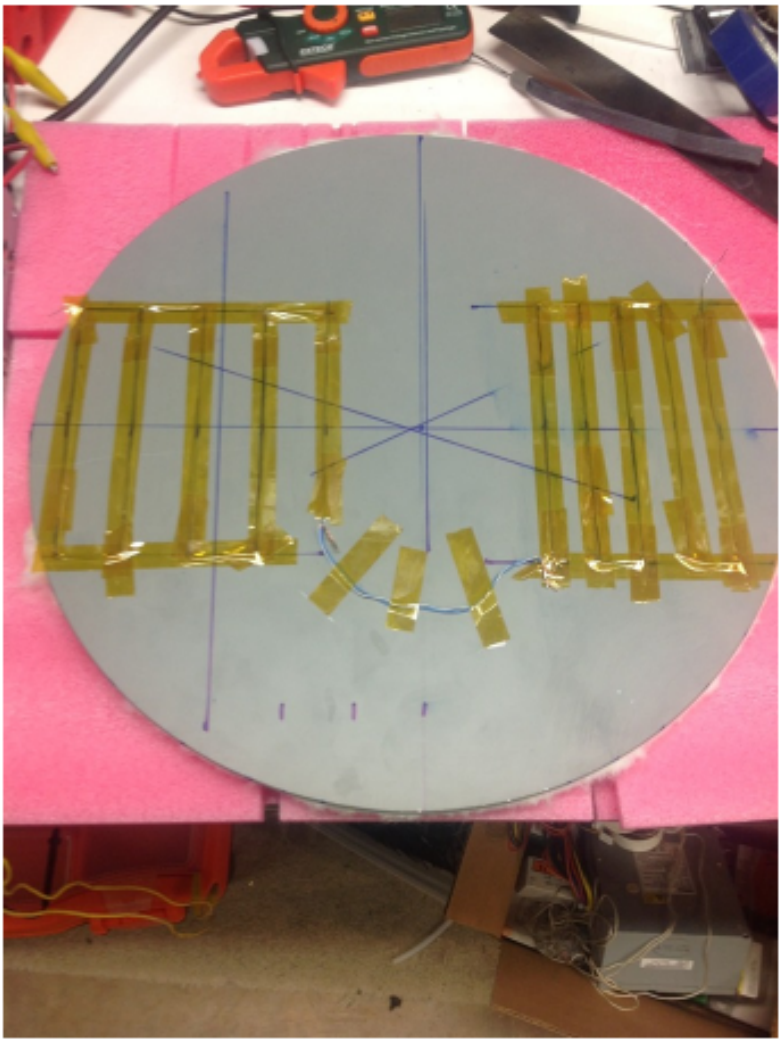
I ±

2.5A

13.3V

53.25

W



HEATERS PLATE