

TRIPLETT MASTER TUBE TESTER, MODEL 1210

OPERATING DATA

ADJUSTMENTS: Connect to A. C. line, 60 cycles 100-130 volts. Switches should be set in the OFF position. Note type of tube to be tested, Column One of Chart No. 1 (1) Set switch—FILAMENT VOLTS—to the correct voltage position, Column 3 of Chart No. 1. (2) Insert tube. Connect grid lead if required. (3) Set toggle switch to LINE VOLTS position. (4) Rotate the selector switch—LINE VOLTS CONTROL—from the OFF position in a clockwise direction until the meter pointer rests on the black line in the center of the scale. (5) Move the toggle switch to the TEST position. (6) Set control—LOAD—to the proper position according to Chart No. 1, Column Two. (7) Rotate the switch—TUBE SELECTOR—from the OFF position in a clockwise direction to all the positions marked—SHORTS. A short or degree of leakage will be indicated by a deflection of the meter pointer along the scale. (8) If no short is indicated in the BAD sector of the scale, continue to rotate switch—TUBE SELECTOR—in the same clockwise direction until the proper position is reached according to Chart No. 1, Column 4.

SPECIAL! Since tubes 6Z5, 12Z5 and 12A5 have filaments with center tapped connections, disregard meter SHORT indications when switch is in positions S or T for tubes 6Z5-12Z5, and O or S for tube 12A5.

VALUE TESTS: (9) Press button—VALUE—after tube has thoroughly heated. The meter pointer will indicate the worth of the tube directly as GOOD—DOUBTFUL—BAD. The doubtful position is the white space between the colored portions of the scale. If only the VALUE button is pressed when testing tubes with multi plates, according to Chart No. 1, all plates will be tested together. Reference to tube Chart No. 2 gives separate plate values for each plate. (10) The LOAD control is used in a different position for separate plate tests of certain diodes—Column 4 for first plate, Column 5 for second plate. (11) Test the value of the first plate by pressing VALUE button. (12) Press both VALUE and DIODE buttons to test the value of the second plate. Release Value Button as soon as reading is noted.

CHART NUMBER 1

Tube	Load	Fil. V.	Selector	Tube	Load	Fil. V.	Selector	Tube	Load	Fil. V.	Selector	Tube	Load	Fil. V.	Selector
1A6	— 90	— 2	— 2	15	— 60	— 2	— 1	46	— 36	— 2.5	— 2	485	— 31	— 3.3	— 1
1C6	— 69	— 2	— 2	17	— 40	— 12.6	— 1	47	— 39	— 2.5	— 2	99	— 87	— 3.3	— 1
2A3	— 28	— 2.5	— 1	19	— 45	— 2	— 3*	48	— 28	— 25	— 1	183	— 43	— 5	— 1
2A5	— 38	— 2.5	— 1	20	— 90	— 3.3	— 1	49	— 56	— 2	— 2	483	— 50	— 3.3	— 1
2A6	— 37	— 2.5	— 1	22	— 60	— 3.3	— 1	50	— 55	— 7.5	— 1				
2A7	— 36	— 2.5	— 1	24A	— 36	— 2.5	— 1	51	— 39	— 2.5	— 1				
6B7	— 45	— 6.3	— 1	26	— 55	— 1.5	— 1	53	— 32	— 2.5	— 11*				
2B7	— 47	— 2.5	— 1	27	— 46	— 2.5	— 1	55	— 40	— 2.5	— 1				
6A4	— 40	— 6.3	— 2	30	— 68	— 2	— 1	56	— 36	— 2.5	— 1				
LA	— 40	— 6.3	— 2	31	— 61	— 2	— 1	57	— 31	— 2.5	— 1				
6A7	— 35	— 6.3	— 1	32	— 100	— 2	— 1	58	— 36	— 2.5	— 1				
6F7	— 46	— 6.3	— 1	33	— 45	— 2	— 2	59	— 37	— 2.5	— 1				
6C7	— 31	— 6.3	— 1	34	— 63	— 2	— 1	64	— 33	— 6.3	— 1				
6D7	— 36	— 6.3	— 1	35	— 39	— 2.5	— 1	65	— 36	— 6.3	— 1				
6E7	— 36	— 6.3	— 1	36	— 37	— 6.3	— 1	67	— 37	— 6.3	— 1				
6D6	— 37	— 6.3	— 1	37	— 33	— 6.3	— 1	68	— 36	— 6.3	— 1				
6C6	— 56	— 6.3	— 1	38	— 45	— 6.3	— 1	71A	— 43	— 5	— 1				
'00	— 50	— 5	— 1	39	— 33	— 6.3	— 1	75	— 26	— 6.3	— 1				
'01A	— 58	— 5	— 1	40	— 45	— 5	— 1	76	— 39	— 6.3	— 1				
'10	— 50	— 7.5	— 1	41	— 23	— 6.3	— 1	77	— 33	— 6.3	— 1				
12A	— 36	— 5	— 1	42	— 37	— 6.3	— 1	78	— 27	— 6.3	— 1				
12A7	— 40	— 12.6	— 1	43	— 31	— 25	— 1	79	— 31	— 6.3	— 10				
12A5	— 32	— 12.6	— 12	44	— 33	— 6.3	— 1	85	— 37	— 6.3	— 1				
14	— 43	— 12.6	— 1	45	— 41	— 2.5	— 1	89	— 35	— 6.3	— 1				

*Press Diode Button for second plate reading.

DOUBLE PLATE CHECK

CHART NUMBER 2

Tube No.		Fil. V.	Select- tor	1st Plate	2nd Plate	Tube No.		Fil. V.	Select- tor	1st Plate	2nd Plate	Tube No.		Fil. V.	Select- tor	1st Plate	2nd Plate
2B7	triode	— 2.5	— 4	— 60	—	6C7	triode	— 6.3	— 4	— 35	—	5Z3	— 5	— 8	— 43	— 43	
2B7	diode	— 2.5	— 5	— 100	— 100	6C7	diode	— 6.3	— 5	— 100	— 100	80	— 5	— 8	— 59	— 68	
6B7	triode	— 6.3	— 4	— 58	—	53	triode	— 2.5	— 6	— 45	—	82	— 2.5	— 8	— 26	— 26	
6B7	diode	— 6.3	— 5	— 100	— 100	55	diode	— 2.5	— 7	— 100	— 100	83	— 5	— 8	— 30	— 34	
2A6	triode	— 2.5	— 6	— 46	—	75	triode	— 6.3	— 6	— 31	—	84	— 6.3	— 8	— 30	— 30	
2A6	diode	— 2.5	— 7	— 100	— 100	75	diode	— 6.3	— 7	— 100	— 100	KR98	— 6.3	— 8	— 30	— 30	
6F7	pent	— 6.3	— 4	— 59	—	85	triode	— 6.3	— 6	— 44	—	83V	— 5	— 8	— 30	— 30	
						85	diode	— 6.3	— 7	— 100	— 100						

Hold down both buttons—VALUE, DIODE—for second plate reading.

The Triplett Electrical Instrument Co., Bluffton, Ohio

Form 31235

See General Instructions for Further Operating Data.

Printed in U. S. A.

Adapter and New Tube Instructions for Triplett No. 1210 Tube Tester

ADAPTER No. 6A8 BLACK
ADAPTER No. 6H6 BROWN

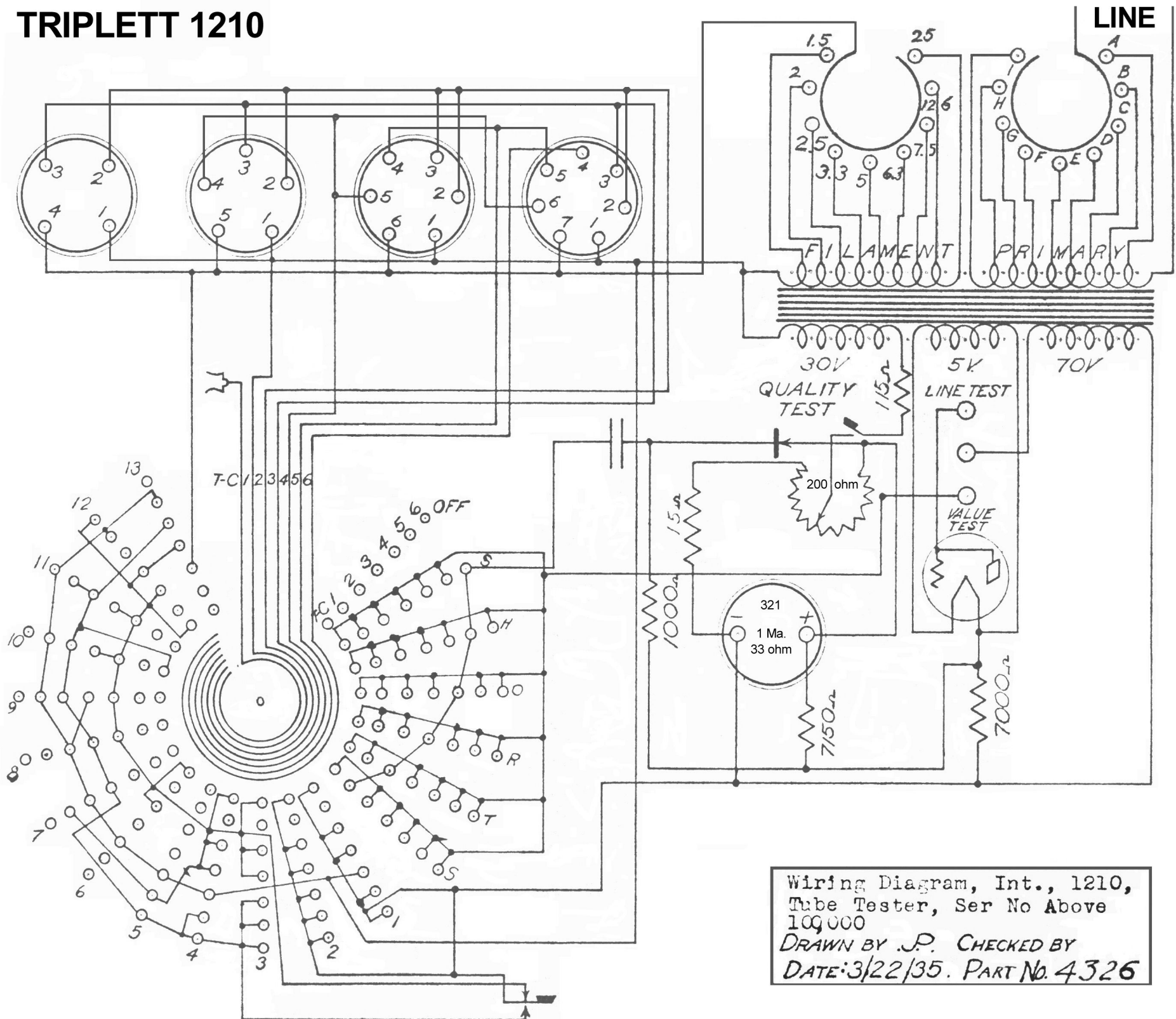
Tube	Adapter Color	Load	Fil. V.	Selector
6A8	Black	40	6.3	1
6L7	Black	37	6.3	1
6J7	Black	45	6.3	1
6K7	Black	44	6.3	1
6D5	Black	43	6.3	1
6F5	Black	40	6.3	1
6C5	Black	49	6.3	1
5Z4	Black	45*	6.3	4
6F6	Black	42	6.3	1
†6H6	Brown	100*	6.3	5
†25S		100	2	1
6E6		44*	6.3	11
6B5		61	6.3	1

†A good tube reads 6 or more on meter dial.

*Press diode button for second plate.

Form No. 71035.

TRIPLETT 1210



Wiring Diagram, Int., 1210,
Tube Tester, Ser No Above
100,000
DRAWN BY J.P. CHECKED BY
DATE: 3/22/35. PART No. 4326