



SCHEMATIC WIRING DIAGRAM
MODEL 600A TUBE TESTER
MADE BY
THE HICKOK ELECTRICAL INSTRUMENT COMPANY
CLEVELAND, OHIO

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PARTS LIST FOR MODEL 600A TUBE TESTER

NOTE: There is a minimum charge of \$1.50 for any parts order

HICKOK CODE NO.	NAME AND DESCRIPTION	REF. SYMBOL OR FUNCTION
2490-261	BOOKLET, Instruction	
2920-7	BUTTON, Push: black	
2920-8	BUTTON, Push: red	
3095-41	CAPACITOR: 2700 mmf, 500 V, 10%, mica	C2, C4
3105-175	CAPACITOR: .05 mfd, 400 V, paper	C1
3085-45	CAPACITOR: 50 mfd, -6 V, DC, electrolytic	C3
3200-47	CHART, Roll: tube data	
4160-67	DIAL Ass'y: Bias	
4160-73	DIAL Ass'y: English	
10300-1	JACK, Pin: red, Eby #52	
10300-2	JACK, Pin: black, Eby #52	
11505-3	KNOB	
12270-14	LAMP: neon glow, 1/25 watt N.E. 51, Bayonet Base	
12270-2	LAMP: auto, Tung-Sol #81, bayonet type	
12270-17	LAMP: #49 pilot, .06 amp., 2V, bayonet	
12450-145	LEAD; Ass'y:	
12450-180	LEAD, Ass'y: Grid cap, Amphenol #63-1W	
660-005	METER: DC, 66G, flush square, 233 ohms, 500 microamps	
16925-259	POTENTIOMETER: 250K, Screw Driver Slot, supplied with locking nut	R28
16926-4	POTENTIOMETER: dual, 150-150 ohms, linear, wire wound, Mallory #MM150P	R4, R5
16926-5	POTENTIOMETER; Ass'y: 3000 ohms	BIAS, R7
18410-472	RESISTOR: 47 ohms, 1/2 W, 10%, fixed, comp.	R20, R21, R22
18414-151	RESISTOR: 150,000 ohms, 1/2 W, 5% fixed, comp.	R23
18414-182	RESISTOR: 180,000 ohms, 1/2 W, 10%, fixed, comp.	R8
18414-121	RESISTOR: 120,000 ohms, 1/2 W, 5%, fixed, comp.	R10, R15
18415-102	RESISTOR: 1 meg, 1/2 W, 10%, fixed, comp.	R17
18422-122	RESISTOR: 1200 ohms, 1 W, 10%, fixed, composition	R2
18423-151	RESISTOR: 15,000 ohms, 1 W, 5%, fixed, comp.	R3
18525-427	RESISTOR: 500 ohms, 1/2 W, 1%	R26, R27
18525-544	RESISTOR: 12 ohms, 1/2 W, 1%, fixed, deposited film	R9
18525-648	RESISTOR: 128 ohms, 1/2 watt, 1%	R25
18550-89	RESISTOR: 215,000 ohms, 1 W, 1%	R24
18575-12	RESISTOR: 1800 ohms, 10 W, 10%, fixed, vitreous enamel	R1
18575-19	RESISTOR: 100 ohms, 10%, vitreous enamel, center-tapped	R12, R13
18575-139	RESISTOR: 8500 ohms, 10 W, 10%, wire wound	R6
18575-126	RESISTOR: 150 ohms, 2 W, 1%, deposited film	R14
18750-2	RHEOSTAT: 200 ohms, 25 W, Mod. D, Uhmite #2878-3SC	R16
19350-1	SOCKET: small bayonet, Drake #614L-CH-LT	
19350-62	SOCKET: 9-pin, black, Cinch Mfg.	
19350-76	SOCKET: 7-pin miniature, Amphenol #147-170-24	
19350-93	SOCKET: 4-pin, black, Amphenol #78S-4	
19350-94	SOCKET: 5-pin, Amphenol #78S-5	
19350-95	SOCKET: 6-pin, Amphenol #78S-6	

Prices will be furnished upon request.

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HICKOK CODE NO.	NAME AND DESCRIPTION	REF. SYMBOL OR FUNCTION
19350-96	SOCKET: 7-pin, Amphenol #78-7CD	
19350-97	SOCKET: 8-pin loctal, Amphenol #78-8I	
19350-99	SOCKET: 8-pin octal, Amphenol #78S-8	
19350-101	SOCKET: sub-miniature, Cinch #EXP-8694	
19350-119	SOCKET: sub-miniature, 7-contact, Cinch #EXP-8736-B1	IN-LINE
19910-95	SWITCH: Push button, 7-gang, Oak	P1-P7
19911-7	SWITCH: Snap DPDT, Oak #16743-78	METER REVERSING
19911-9	SWITCH: Toggle, SPST, A.H. & H. #20994-DA, with bat handle	OFF-ON
19911-38	SWITCH: Toggle, DPDT,	SHORT TEST
19912-202	SWITCH: Rotary, 1 section, 2 pole, 20 position	FILAMENT
19912-203	SWITCH: Rotary, 5 section, 6 position, Oak Type G	SHORT TEST
19912-276	SWITCH: Rotary, 5 section, 10 position, Oak Type G	SELECTORS
19912-277	SWITCH: Rotary, 1 section, 10 position, Oak Type G	CATHODE- SUPPRESSOR
20800-144	TRANSFORMER: Power	
20875-6	TUBE: 5Y3GT/G	RECTIFIER
20875-28	TUBE: 83	RECTIFIER
19350-156	SOCKET: Octal, wafer, Cinch #11961	
19350-157	SOCKET: 4-pin, wafer, Cinch #X154	

In ordering parts or materials for this instrument, the serial number must be given in order to identify properly the material required.

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