

# SUPREME TUBE TESTER

## MODEL 35 OPERATING DATA

**PRELIMINARY PROCEDURE.** Rotate the "ADJUST TO LINE VOLTAGE" control knob to a position which approximates the local power supply potential. Then, (1) locate in the first column of the "TUBE LIST," below, the tube which is to be tested, (2) set the "FILAMENT HEATER VOLTAGE" control knob to the position indicated in the second column, and (3) insert the tube into the proper socket and connect the top cap terminal, if any, to one of the "TOP CAP" pin jacks.

**SHORT TEST.** After completing the "Preliminary Procedure," (1) depress the numbered push buttons, one at a time, so as to reveal any inter-element "shorts" by a continuous vibration of the meter pointer about its zero position. Intermittent "shorts" may be revealed by gently thumping the tube as each button is depressed. Example: A continuous vibration of the meter pointer while depressing the No. 1 button and again while depressing the No. 2 button when testing a type 35 tube would indicate a "short" between the screen and plate elements of the tube.

**QUALITY TEST.** After completing the "Preliminary Procedure" and the "Short Test," (1) rotate the "TUBE TEST SELECTOR" control knob to the position indicated in the third column of the "TUBE LIST" and (2) depress the button indicated in the fourth column for observing the meter indication of the tube condition. After completing the tests, rotate the "ADJUST TO LINE VOLTAGE" control knob to the "OFF" position.

### TUBE LIST

GROUP "A" (Most Popular Tubes)	GROUP "B" (Complete Tube List)	GROUP "C" (Future Tubes)	GROUP "D" (Future Tubes)	GROUP "E" (Future Tubes)	GROUP "F" (Future Tubes)
.01A - 5.0 - 73.0 - 3	1A6 - 2.0 - 76.5 - 3	181S - 3.3 - 100.0 - 3	83v - 5.0 - 26.0 - 3	482A - 5.0 - 58.5 - 3	
24A - 2.5 - 50.0 - 5	1C6 - 2.0 - 72.0 - 3	182 - 5.0 - 58.5 - 3	83 - 5.0 - 50.0 - 3	482B - 5.0 - 58.5 - 3	
26 - 1.5 - 67.5 - 3	2A3 - 2.5 - 31.0 - 3	182A - 5.0 - 58.5 - 3	G84 - 2.5 - 90.5 - 3	483 - 5.0 - 56.0 - 3	
27 - 2.5 - 52.0 - 5	2A3H - 2.5 - 32.0 - 3	182B - 5.0 - 58.5 - 3	84 - 6.3 - 26.0 - 5	484 - 3.3 - 40.0 - 5	
35 - 2.5 - 48.0 - 5	2A5 - 2.5 - 47.0 - 5	183 - 5.0 - 56.0 - 3	85 - 6.3 - 41.0 - 5	485 - 3.3 - 44.5 - 5	
45 - 2.5 - 49.5 - 3	2A6 - 2.5 - 37.0 - 5	205D - 5.0 - 72.0 - 3	87S - 6.3 - 41.5 - 5	486 - 3.3 - 80.0 - 3	
47 - 2.5 - 47.0 - 3	2A7 - 2.5 - 42.0 - 5	257 - 5.0 - 68.0 - 3	88 - 5.0 - 50.0 - 3	499 - 3.3 - 100.0 - 3	
71A - 5.0 - 59.0 - 3	2B6 - 2.5 - 40.0 - 5	401 - 3.3 - 57.5 - 3	88S - 6.3 - 48.5 - 5	585 - 7.5 - 65.0 - 3	
80 - 5.0 - 51.0 - 3	2B7 - 2.5 - 59.0 - 5	403 - 3.3 - 56.0 - 3	89 - 6.3 - 43.5 - 5	586 - 7.5 - 65.0 - 3	
	2Y4 - 2.5 - 30.5 - 5	410 - 7.5 - 72.5 - 3	89RS - 6.3 - 18.5 - 1&6	P861 - 6.3 - 26.0 - 5	
	5Z3 - 5.0 - 47.5 - 3	420 - 3.3 - 98.0 - 3	90 - 2.5 - 45.0 - 5	950 - 2.0 - 65.0 - 3	
	6A3 - 6.3 - 55.0 - 1	422 - 3.3 - 80.0 - 3	92 - 6.3 - 39.0 - 5	951 - 2.0 - 69.5 - 3	
	6A4 - 6.3 - 56.0 - 3	431 - 2.0 - 71.5 - 3	95 - 2.5 - 46.0 - 5	986 - 5.0 - 50.0 - 3	
	6A7 - 6.3 - 41.5 - 5	445 - 2.5 - 49.5 - 3	98 - 6.3 - 26.0 - 5	AD - 6.3 - 58.0 - 1	
	6B7 - 6.3 - 53.0 - 5	450 - 7.5 - 65.0 - 3	99 - 3.3 - 100.0 - 3	AF - 2.5 - 49.0 - 3	
	6C6 - 6.3 - 43.0 - 5	481 - 7.5 - 91.0 - 3	181S - 3.3 - 64.5 - 3	AG - 5.0 - 50.0 - 3	
	6C7 - 6.3 - 39.5 - 5	482 - 5.0 - 58.5 - 3	182 - 5.0 - 58.5 - 3	GA - 5.0 - 54.5 - 3	
	6D6 - 6.3 - 44.0 - 5		182A - 5.0 - 58.5 - 3	LA - 6.3 - 56.0 - 3	
			182B - 5.0 - 58.5 - 3	PA - 6.3 - 45.0 - 5	
			183 - 5.0 - 56.0 - 3	PZ - 2.5 - 47.0 - 3	
			205D - 5.0 - 72.0 - 3	PZH - 2.5 - 39.5 - 5	
			257 - 5.0 - 68.0 - 3	WUND-A - 2.5 - 56.0 - 5	
			401 - 3.3 - 57.5 - 3	WUND-AA - 6.3 - 55.0 - 5	
			403 - 3.3 - 56.0 - 3		
			410 - 7.5 - 72.5 - 3		
			420 - 3.3 - 98.0 - 3		
			422 - 3.3 - 80.0 - 3		
			431 - 2.0 - 71.5 - 3		
			445 - 2.5 - 49.5 - 3		
			450 - 7.5 - 65.0 - 3		
			481 - 7.5 - 91.0 - 3		
			482 - 5.0 - 58.5 - 3		

\* For 6Z5 tube tests, throw the "6Z5" tumbler switch from the "NORMAL" to the "6Z5" position during the tests.

† For 12A5 tube tests, throw the "12A5" tumbler switch from the "NORMAL" to the "12A5" position during the tests.

‡ For 12Z5 tube tests, throw the "12Z5" tumbler switch from the "NORMAL" to the "12Z5" position during the tests.

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