USING A BK PRECISION VIDEO DISPLAY TESTER 490



STANDARD DISCLAIMER

REMEMBER, NO WARRANTEES, EXPRESS OR IMPLIED, ARE GIVEN. USE THIS INFORMATION AT YOUR OWN RISK. I AM NOT RESPONSIBLE FOR ANY DAMAGES THAT MAY OCCUR TO YOUR PERSON OR PROPERTY. PICTURE TUBES ARE DANGEROUS IF HANDLED IMPROPERLY.



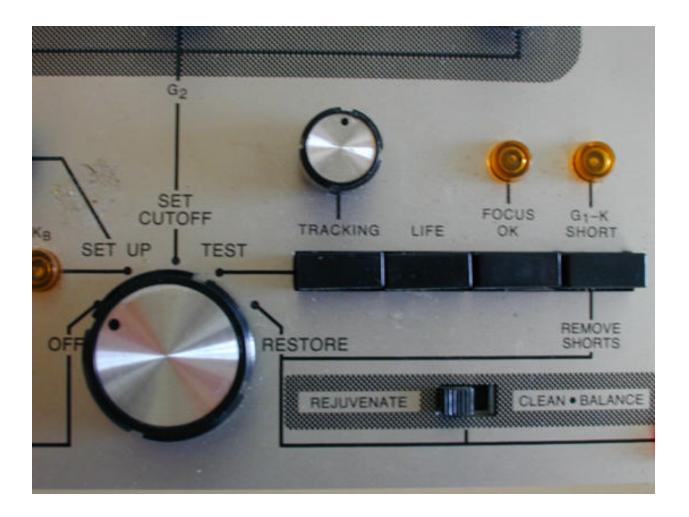
Setup

- 1. The switch in the lower right corner should be set to the **REJUVENATE** position.
- 2. Set the **G2** switch in the upper left corner to the **NORMAL** position.
- 3. Attach appropriate adaptor to neck of tube. Tube should be disconnected completely from chassis electronics.
- 4. Set **HEATER RANGE** dial (lower left corner) to 7-9 position.
- 5. Turn the large central dial to the **SET UP** position.
- 6. Set heater to 6.3 volts using the **SET HTR** dial (use the lower scale on the meter directly above the dial).
- 7. Set G1 dial to 50 volts (again, use the lower scale on meter directly above the dial).
- 8. Turn large central dial to **SET CUTOFF** position.
- 9. Set each of the three meters so they read one notch above the zero position using the dials directly below each meter.



Test

- 1. Turn the large central dial to the **TEST** position.
- 2. Ideally, each gun should measure roughly 16-20 in the **GOOD** region.



Restore

- 1. Set large center dial to **RESTORE** position.
- 2. Press and hold the **RED–B&W** button until needle drops to the **BAD** (red) region.
- 3. Let go of button if the G1-K/SHORT light comes on. Press the REMOVE SHORTS button repeatedly until light goes out.
- 4. Repeat for green and blue guns (wait a couple of seconds between each gun).
- 5. If needle bounces erratically, particles are being burned off the gun.
- 6. Periodically switch to **TEST** mode to look for improvement in readings.
- 7. Periodically switch to **SET CUTOFF** mode and adjust each gun to one notch above zero.
- 8. Repeat steps 1-7 until needle moves smoothly down to red region for each gun.