

Philips EM430 TEM Conditioning High Tension

1. Turn kV SELECTOR to COND (fully anticlockwise)
2. Turn DISPLAY SELECTOR (located under RH panel) to HT
3. Press HT button
4. Slowly increase kV by turning knob on kV SELECTOR clockwise to 330 kV. This should take a minimum of 15 minutes.

Important: While increasing the kV, monitor the VACUUM INDICATOR closely: it should not rise above 45
(If it does wait till it drops below 45 before continuing to increase kV)
5. Leave at 330kV for ~5 minutes
6. Quickly turn the HT to 300kV and return DISPLAY SELECTOR to MAGNIFICATION

NOTE:

If the HT trips out and the PPC light comes on do the following:

- Press HT off
- Press MAINS on (PPC light goes out)
- Get Scott Miller to reseal the filament power supply
- Press HT on and proceed with conditioning