

Options-Automatic control:

Here the adjustments for the automatic voltage -/current control are entered. These are the values at what deviation from the nominal value the automatic control will be engaged. These adjustments have to be done very carefully. Reducing the values leads to a more sensitive automatic control. Increasing these values will give a less sensitive automatic control (hysteresis). The goal is to find values where the automatic control is still working precisely enough but not permanently active.

	range	lower rating (-) (adjust to higher level)	upper rating (adjust to lower level)
heater voltage [V]:	lo	0,005	0,050
	hi	0,300	0,400
Heater current [A]:	low range	0,001	0,002
	Large scale	0,002	0,007
Plate- / Anode voltage (V):	lo	0,100	0,250
	hi	0,700	1,300
screen voltage (V)		0,700	1,300

V=50mA
 U=100mA
 H=150mA
 B=180mA
 C=200mA
 P=300mA

values at which the divergence from nominal current and voltage values should be used:
 low value - high sensitivity, high value = low sensitivity
 choose proper values, such that they do not have to be constantly readjusted