5.3 **High Voltage Supply**

The high voltage module consists of an epoxy encapsulated oscillator and voltage multiplier. The supply has a voltage feedback to control the voltage and a current limiting feature to avoid the possibility of FET damage.

The value of the HV is controlled by a potentiometer and is preset at the factory to match the operating characteristics of the detector.

5.4 **High Voltage Filter**

This consists of a double RC filter with a time constant of 10 seconds. The components are rated for ± 6000V.

5.5 **Adjustments**

Circuit changes or adjustments, unless authorized by Aptec may void the warranty.