

# **Technical Description**

The brief circuit description is listed as follows:

- L1 acts as noise filter.
- TR1, Q1, Q2 and associated circuit act as Voltage converter.
- TR2, Q3 and associated circuit act as Voltage booster to generate -9KV voltage at the discharge needle.
- The discharge needle ionizes the surrounding air and produce negative ions.

## **Switching Mode Power Supply Used :**

HKP12-1200750dU