

STEYNES

Product and Services

for Plasma Discharge Devices



www.steynes.com

MODEL 37L2

Plasma Discharge Device



(15 X 37 mm, thickness 0.5mm)

Where a high voltage (e.g. 8kVpp, 10kHz) is applied between two electrodes on the surface of the ceramic plate placed in the air, the corona discharge occurs along the linear electrode and starts to create an ozone gas. The **model 37L2** becomes a plasma generator with a high voltage power supply source.

The surface discharge from the **model 37L2** is useful for ozone-emitting, oxidization and ionization. A typical application is air purifier use – or for preservation of fruits and for food processing using ozone treatment.

Steynes provides the plasma discharge device from development to manufacturing using in plasma technology for scientists, engineers, system designers, technologists and equipment manufacturers.

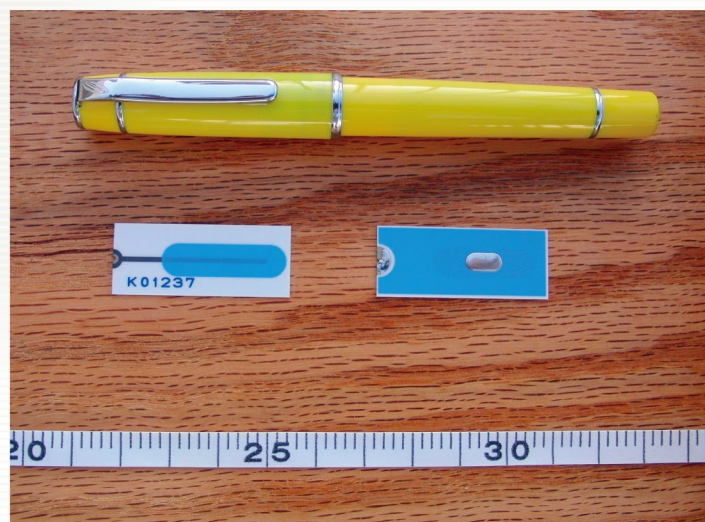
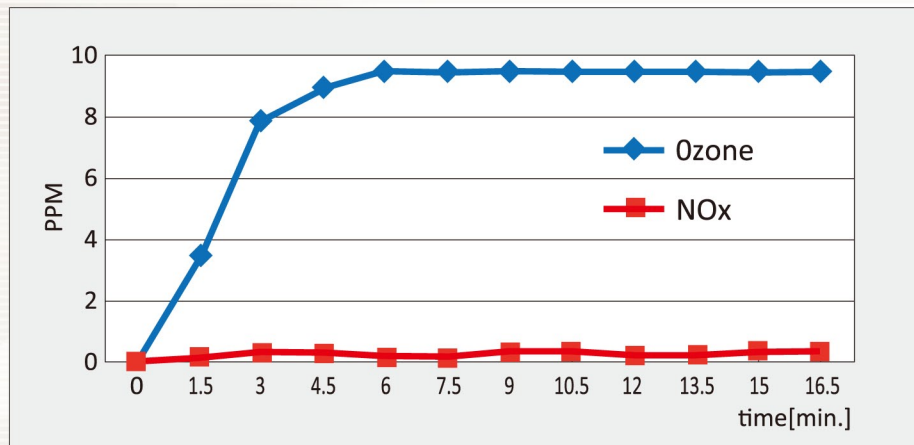
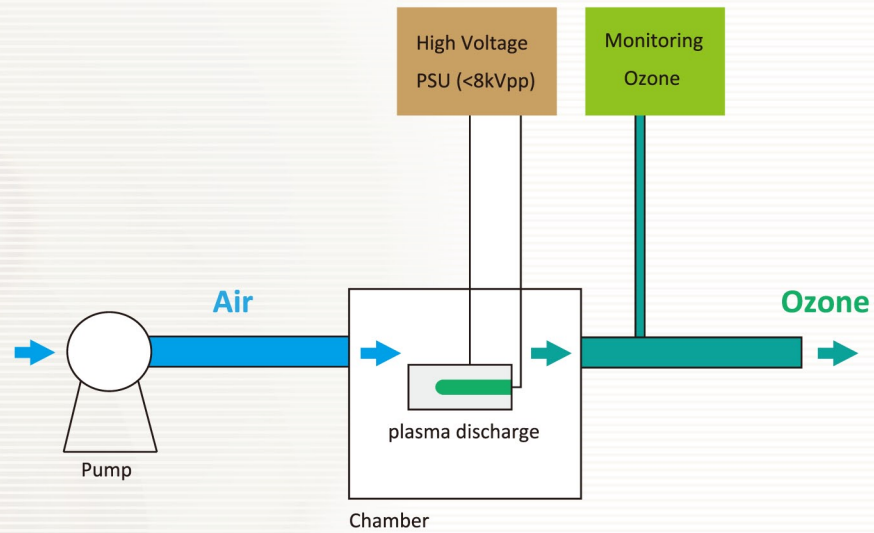
Output of the **model 37L2** depends on the high voltage power supply very much. Please consult us for the details about the electric circuit design. Otherwise you can choose a suitable power supply module from our line-up.

The **model 37L2** has advanced features :

1. Less NOx emissions (1/10 less compared with a conventional type)
2. Longer life (due to the protective glass coating) up to 2 years
3. Lead-Free (RoHS compliant)

Applications

- * Advanced Oxidation
- * Ozone Measurement
- * Ozone Generation
- * Disinfection
- * Bio-filtration
- * Ozone Power Supplies



STEYNES also provides our customers in Japan...

Equipment for Precision Control and Measurement

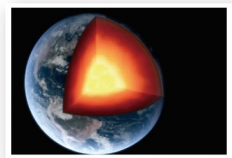
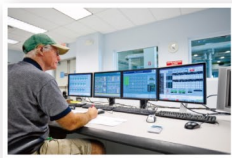
- Process Control, Power Control, Speed Motor Control, Data Logging, Sensors, Signal Transducers and any other systems used in controlling and measuring; Eurotherm, SSD Drives Division of Parker Hannifin, CMC Controls (UK)
- Geoscience instruments such as Magnetometers and Kappa Bridges; Agico (Czech)

SCADA Software

- Customizing HMI/SCADA software; SpecView (UK)

Engineering and site commissioning

- HMI designing and engineering services for PLC systems and motor control systems
- Site commissioning to replace or upgrade to a new manufacturing system



Please feel free to contact us at Steynes Limited.



Steynes Limited

<http://www.steynes.com>

Email: info@steynes.com

Shin-Matsudo Plaza Heights Room No. 1105,
493, Shin-Matsudo 1-chome, Matsudo City, Chiba Prefecture 270-0034 JAPAN
telephone: +81-47-393-8550 facsimile: +81-47-393-8551