



**ZEONICS SYSTECH**  
DEFENCE & AEROSPACE ENGINEERS (P) LTD.



# Plasma Generators



At Zeonics we manufacture two types of Plasma Generators: torches and systems. They consist of High Frequency as well as 50Hz Cold Plasma sources.

These Plasma sources have a lot of applications in different industrial zones.

Proudly Made in INDIA





### High Voltage Cold Plasma Source

1. Input : 230volts 50Hz 1Ø
2. Output : 40kV/20kV HF System
3. Plasma : Generation by a torch 15m Length of 250mm
4. Power : 1600watts
5. Type No : Z/42/28



### High Voltage High Frequency Plasma Generator

1. Input : 230V 50Hz 1Ø
2. Output : 40kV AC 20 kHz Plasma
3. Output : 5 Nos Plasma Torches
4. Type No : Z/42/28, Z/42/64



### High Voltage HF Inverter for Plasma Generator

1. Input : 230Volts 50Hz 1Ø
2. Output : 20kV AC rms at 20kHz
3. Power : 1000watts
4. Type No : Z/42/28



### High Voltage Dielectric Breakdown Plasma Generator

1. Input : 230V, 50Hz, 1 Ø
2. Output : 30kV at 40mA; 50kVat 25mA; 50kVat 40mA
3. Power : 1200 watts
4. Application : Generation of continuous plasma between a glass plate to extract the same
5. Plasma surface : 300mm x 300mm & 600mm x 600mm Plasma systems
6. Type No. : ZHS/001/088



### Dielectric Plasma Generator

- |                   |                                   |
|-------------------|-----------------------------------|
| 1. Voltage        | : 50kV, 70kV Models               |
| 2. Power          | : 5.00 Kilowatts , 7.00 Kilowatts |
| 3. Operation      | : Continuous                      |
| 4. Voltage Plasma | : 1m x 1m x 25mm (Gap)            |
| 5. Type No.       | : ZHS/001/059                     |



### High Voltage Plasma Torch

- |                    |                       |
|--------------------|-----------------------|
| 1. Working Voltage | : 40kV AC at 20kHz    |
| 2. Gas             | : Nitrogen/Argon /Air |
| 3. Type No         | : Z/42/63             |

### Advantages

These systems are easy to maintain, rugged and low cost compared to their counterparts which are imported. Some of the main perks of buying from us are that spares are available; we can offer servicing, repairing, once the equipment comes back to us for the same.

### **Contact :**

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