

## ***Xenon lamp simmer***

**Microprocessor controlled simmer for xenon lamps.**  
**Boxed or Open frame board.**  
**Up to 30w Output.**  
**Fully insulated.**  
**Integrated trigger driver.**  
**Usable for a large range of xenon lamps.**



### **General description**

A high performance current regulator allows using a large range of xenon lamps. This simmer include circuit to trig the xenon lamp either in serial or parallel mode \*.

The simmer is  $\mu$ P controlled and can be easily controlled.

- Stand-alone (enable input signal)
- I<sup>2</sup>C (optional)
- RS232 (optional)

The power output is fully insulated from input voltage.

### **Applications**

- IPL (hair removal, dermatology).
- Nd:YAG Laser
- Decontamination
- Sterilization

## Specifications

### Input

*Input 20 to 48V dc*

### Output

- *50mA to 300mA programmable simmer current*
- *Automatic boost*
- *SCR drive for external serial or parallel mode trigger*
- *Open circuit voltage up to 1KV*

### EC compliant

### Fully $\mu$ P controlled

### User interface (optional)

- *RS232*
- *TTL*

### Stand-alone operation

### Current control

- *Internal potentiometer*
- *Adjustable by  $\mu$ P (optional)*

### Simmer trigger

- *Voltage 400V*
- *Energy 60 mJ*
- *Automatic restrike*

### Connections

*Input/output Mate- n-lok*

### Efficiency

*>80%*

### Temperature

*0°C to 55°C*

### Mechanical

- *Size: (Boxed)*
  - *W 86 mm*
  - *L 156 mm*
  - *H 55 mm*
- *Weight:*
  - *600 g*

\*We can provide the serial mode high voltage transformer. Contact us

**Product can be modified to fit your requirements.  
Do not hesitate to contact us.**

**E.D.N. (Electronic Development Normandy) Sarl**

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