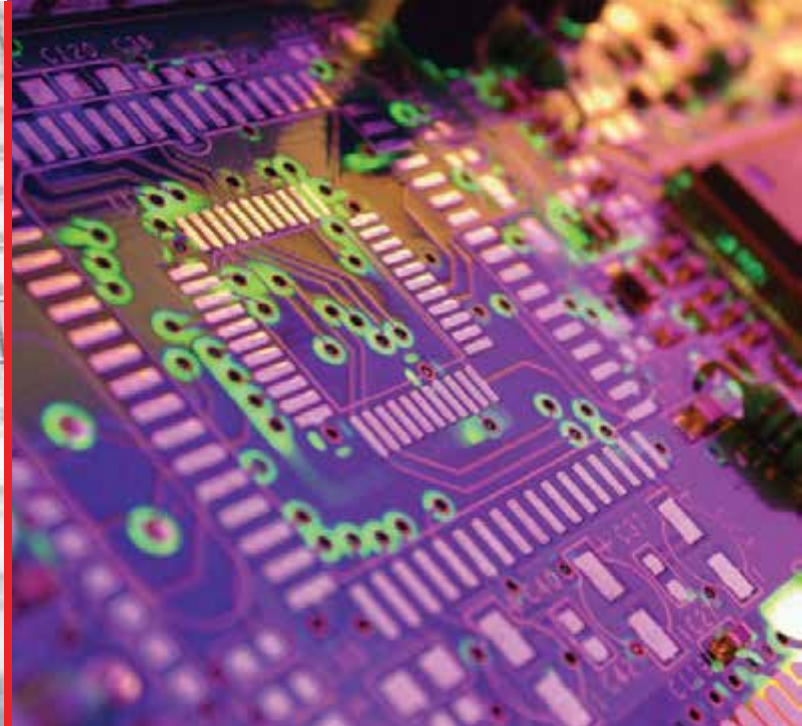


# LFG-GENERATOR

1000W

electronic  
**diener**  
Plasma-Surface-Technology



# LFG-GENERATOR

1000W

- Max. Output Power: 1000W
- Max. Output Current: 4A
- Max. Output Voltage: 1200VAC
- Max. power consumption: 1100W
- Mains input: 3 x 210...230VAC 50/60Hz
- Input current: max 3 x 5 Arms
- Efficiency: > 90% (at nominal power)
- Power Adjustment modes:  
Current mode: 1A - 4A  
Power mode: 50W - 1000W  
(via DSUB or PC connection only)  
Burst mode:  
- Pulse-Width: 100µs - 100ms  
- Pulse-Delay: 100µs - 100ms
- Accuracy: better than  $\pm 5\%$  of final value
- Load mismatch protection against open output and short circuit  
- turn off time at short cut/open load: < 1 sec  
- turn off time at adjustment error: < 5 sec
- Synchronised parallel operation mode
- Operation temperature range: +15 - +40°C
- Cooling: max. 323 m<sup>3</sup>/h air flow rate (temperature controlled)
- Interfaces:  
- DSUB25 (female) for remote operation by industrial system control units (24/10V voltage levels)
- Weight: 18kg

## Applications:

- Low pressure plasma generation



front view



rear view

