# 9000G

## Generator up to 2 kW



## Compact and ready for integration: the established label generator

Together with a SOFTAL Corona or Plasma station the 9000G series generators provide functionilisation and optimal adhesion on the surface of your products.

The compact design with complete functionality for power and specific functions provides a space saving system for integration into label and cup printing machines.

## Product features

### Design
Customised for the desires of modern label printing machines and other applications.

### System integration
Dependent on your needs completely integratable into the machine's system or usable as stand alone using a remote control.

### Durability and reliability
Operation at optimal resonance frequency provides maximum efficiency and minimum heat losses, minimising maintenance effort.

### Remote control
Operation with all major Fieldbus variants, analog signal, and also with machine mountable LCD display or TFT colour touch screen.

## Adhesion guaranteed!

**SOFTAL**
*CORONA & PLASMA*

# Generator 9000G

## Technical features

- Space saving integration in machines.

- Mains voltage 380 V – 480 V without use of a step up transformer.

- Alternative control via field bus, analogue Interface or separate control panel.

- Control of output power in Watt, set-point range limiting selectable.

- Short circuit protection for IGBT power modules and self-diagnostics with visual alarm.

- Operator input time log and fault time log

- Early detection and alarm of deviation from standard (voltage, current, temperature).

- Resonance operation of the generator gives over 95% efficiency in the output stage.

- Control circuits maintains constant output power.

- Temperature monitoring of the power stage (C° or F°).

## Options

**Software:** Controlled Corona Power factor (CCP), Duty Cycle Regulation (DCR), Soft Corona Start (SCS), Skip Corona Treatment (SCT), LookBack, remote access.

**Hardware:** Remote control, audible alarm or signal lamp for fault alert, alarm output (230 V, 500 mA or potential free).

## Technical data

| | |
|---|---|
| **Treatment power** | max. 2 kW |
| **Corona frequency** | 15 – 35 kHz |
| **Mains voltage** | 3 x 380 – 480 V, 50/60 Hz |
| **Protection** | IP43 |
| **Dimensions (WxHxD)** | 485 x 400 x 225 mm |
| **Weight** | ca. 35 kg |
| **Colour** | RAL 7035, light grey, structured |
| **Ambient temperature** | max. 40 °C |
| **Optional remote control** | – LCD screen and rotary knob<br>– TFT colour touch-screen<br>– analogue interface (FS04)<br>– field bus (CANbus, Profibus, ProfiNET, Device Net, Control-Net, Ethernet IP) |

Improved dyeing

No more wet chemicals

Low operating cost

Improved adhesion

High wettability

Custom-engineered solutions

SOFTAL Quality

Environmentally friendly process

Uninterrupted operation