

# 9000S

Generator up to 2 kW



## Universal Corona generator for all applications

The SOFTAL 9000S Series generator, offering a power up to 2 kW, uses the latest technology together with our corona stations to ensure reliable functionalization of material surfaces for optimum adhesion.

## Product features

### Service Friendly

With decades of practical experience we know what really counts in a daily production routine. Robust, durable component design for maximum reliability.

### Low operation costs

Operation at optimal resonance frequency provides maximum efficiency and minimum heat losses.

### Optimal Process Integration

A variety of hardware interfaces and software solutions are available for seamless integration in process and production systems.

### Intuitive Operation

The TFT colour touch screen provides an operator interface with maximum process control using multiple parameters. Alternatively, the generator may be controlled using a fieldbus or analogue interface.

*Adhesion guaranteed!*

# Generator 9000S

## Technical features

- Operation menu available in many languages.
- Control of output power in Watt, selectable set-point range limits.
- Short circuit protection for IGBT power modules and self-diagnostics with visual alarm.
- Operator input time log and fault time log.
- Resonance operation of the generator gives over 95% efficiency in the output stage.
- Control circuit maintains constant output power.
- Rotation monitoring of treater roll with selectable minimum speed for Corona Start/Stop.
- Early detection and alarm of deviation from standard (voltage, current, temperature).
- Temperature monitoring of the power stage (C° or F°).
- Alarm output (230 V, 500 mA or potential free).
- Integrated high voltage transformer up to 500W.

## Options

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

**Hardware:** Connection for ozone extraction system, audible alarm or signal lamp for fault alert, auto transformer for special mains supply voltages.

## Technical data

<b>Corona Power</b>	max. 2 kW
<b>Corona Frequency</b>	15 – 35 kHz
<b>Mains Voltage</b>	200 – 240 V, 50/60 Hz, single phase
<b>Protection</b>	IP43
<b>Dimensions (WxHxD)</b>	560 x 535 x 230 mm
<b>Weight</b>	approx. 33 kg
<b>Colour</b>	RAL 7035, light grey, structured
<b>Ambient temperature</b>	max. 40 °C
<b>Remote control options</b>	– TFT colour touch screen – analogue Input and Output interface (FS04) – field bus (CANbus, Profibus, ProfiNET, Device Net, Conrol-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