

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

Corona Power	max. 2 kW
Corona Frequency	15 – 35 kHz
Mains Voltage	200 – 240 V, 50/60 Hz, single phase
Protection	IP43
Dimensions (WxHxD)	560 x 535 x 230 mm
Weight	approx. 33 kg
Colour	RAL 7035, light grey, structured
Ambient temperature	max. 40 °C
Remote control options	<ul style="list-style-type: none">– 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