

9000E

Generator up to 12 kW



Universal Corona Generator for Multiple Various Applications

Refined, sophisticated electronics in a compact housing, innovative software and hardware solutions with a user-friendly interface — our high-tech generator 9000E is tailor made for the requirements of the converting industry. Reliable results, uninterrupted operation and a low investment of ownership are important qualities in a device that is expected to fulfil one big expectation: install and forget.

Product Features

Robustness

making the generator suitable for operation under adverse climatic conditions. Sensitive electronics are safely shielded from contamination.

Low running costs

Fine-tuning to the resonance frequency of the system ensures maximum efficiency and minimises energy consumption.

Low maintenance costs and long service life

The generator is equipped with comprehensive self-diagnostic functionality and internal monitoring, which contribute to reliable long-term operation. Additional pre-warning functions assure an advance notice of malfunctions in the system.

Safe operation

Human safety first. The fast-acting short-circuit detection is just one of many active and passive design features protecting the operator foremost, and the system.

Adhesion guaranteed!

Generator 9000E

Technical features

- VFD Display with intuitive user interface.
- Space saving wall mounting.
- Operation menu available in many languages.
- Control of output power in Watt
- Short circuit protection for IGBT power modules and self-diagnostics with visual alarm.
- Resonance operation of the generator gives over 95% efficiency in the output stage.
- Control circuit maintains constant output power.
- Early detection and alarm of deviation from standard (voltage, current, temperature).
- Operator input time log and fault time log.
- Temperature monitoring of the power stage (°C or °F) including threshold warning.
- Alarm output (230 V, 500 mA or potential free).
- Rotation monitoring of treater roll with selectable minimum speed for corona start and stop.

Options

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

Hardware: TFT colour touch screen, connection for ozone extraction system, audible alarm or signal light for fault alert, auto transformer for special mains supply voltages, cooling unit for ambient temperatures exceeding 40 °C, remote control, mounting frame.

Technical data

Treatment power	5 – 12 kW
Output frequency	15 – 35 kHz
Mains voltage	3 x 380 – 480 V, 50/60 Hz
Protection	IP43
Dimensions (WxHxD)	780 x 600 x 350 mm
Weight	approx. 60 kg
Colour	RAL 7035, light grey, textured
Ambient temperature	max. 40 °C (without optional cooling)
Remote control (optionally)	– VFD display & rotary knob – TFT colour touch-screen – analogue interface (FS04) – Fieldbus (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