

Corona-Plus

CP-1 GENERATOR



High performance, computerised corona discharge treater generators

The CP-series is a complete range of highly efficient, fully computerised Corona-Plus generators, using IGBT, DPC and PWM-techniques, which ensure a wide power regulation band, combining high efficiency with minimal energy loss.

The CP-1 generator is delivered in 3 versions: 1kW, 1.5kW and 2kW, each having optional proportional control related to the line speed, and the option of displaying either the actual generator power output in kW, or the energy delivered to the substrate in Watt \times min/m².

Two important features of the CP-series generators are their user-friendly design, making them very intuitive to operate, and their ability to cope with 24-hour non-stop production under all conditions.

The CP-generators are self-diagnostic and both internal and external functions are continuously checked by a monitoring system. Any malfunction being immediately displayed on the operator panel.

The operator panel is removable and can be used for remote control in the central line console or generator

can be equipped with CP-PROFI or CP-IO interface options.

The generator works with a resonant system, which ensures smooth, uniform treatment without risk of pin-holes. The CP generator operates at a transistor-controlled frequency of over 20 KHz.

Connections are situated at the bottom of the generator, and maintenance is carried out from the front. The electronics are modular, and are quickly exchanged, minimising downtime.

Generator - 38x21x60 cm (LxWxH)
HP-transformer - 28x17x27 cm (LxWxH)
std. 5 m between generator and HP-transformer
std. 3 m between HP-transformer and treater station
Models also available with internal HP-transformer



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