

Our series of intelligent generators, iCorona, are designed to make you forget about Corona. Let our iCorona take care of the Corona treatment, so you can focus on your core business.



**Complete Series**

Our iCorona intelligent generator series offer outputs from 1-48 kW all based on one single generator cabinet.

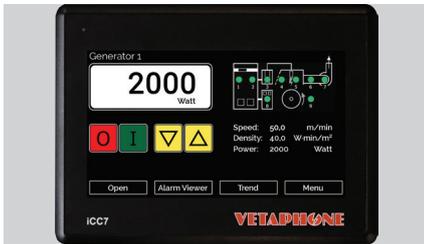
UL listed version available



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# FEATURES

# BENEFITS



## Touch Control Panel

Our user friendly 7" LCD touch control panel for the iCorona provides a graphic overview of the entire Corona system. The intuitive display provides automatic and intelligent control of variables like Substrate Matching, Production Trend Screen, and Proportional Control. Individual control for each side of the film is available on one panel as an optional feature.



## Trend Screen

The trend feature collects production data, including power data (Watt), or density data ( $W \cdot \text{min}/\text{m}^2$ ), and it has the facility to recall historical data. 24-hours of data is guaranteed because it is logged at 1-minute intervals, and when the limit is reached, it deletes the oldest data entries first. In multiple generator variants, the data is compared to ensure production is running as intended.



## Substrate Matching

Due to the patented feedback system the electrical power on the electrodes is the highest possible, giving a total equipment efficiency of minimum 95 % even during changes of substrate and additives.



## Proportional Control

The iCorona generators are all equipped with proportional control related to power and line speed to ensure a constant Watt Density. Optionally, the control panel can display either the actual generator power output in kW, or the energy delivered to the substrate in  $W \cdot \text{min}/\text{m}^2$  or  $W \cdot \text{min}/\text{ft}^2$ .



## Interface

The field bus communication interfaces are used to integrate the Corona system into the complete process control making it easier for operators to control and understand the complete process line. All important parameters of the Corona treatment and production data can be viewed graphically at the operator's main panel.



## Module Built

The iCorona is manufactured for optimum efficiency. All important electronic components are built into one easy accessible module. So servicing your generator is simply done by plugging in only one new part, the module. Changing the complete module is quick and will make the generator work smooth and in a longer time, as all vital parts are updated to the newest technology.