

iCorona-1 - Intelligent Corona



iCorona-1 - Intelligent Corona Generators

The iCorona intelligent generator series features a unique generator set-up utilizing high efficient IGBT controlled resonant frequency power operation,

The iCorona-1 offers output sizes from 1-2kW, all based in one single generator cabinet requiring minimum space for integration with your machine construction.

The iCorona-1 is manufactured on a modular basis for optimum efficiency. The entire encapsulated generator module can easily be addressed and quickly exchanged if necessary. This provides a unique way of upgrading power for future needs and a production security ensuring that your generator is always ready for continuous production.

As standard the iCorona-1 comes with an easy-to-use operator panel with LED-display (ICC1). The panel has 4 individual control buttons with internal sub-menus for adjusting various operator settings.

The optional user friendly 7" LCD touch control panel provides a graphical overview of the entire system. The intuitive display offers a large variety of intelligent automatic controls such as Auto-Substrate matching, Auto-Proportional speed control and many other features.

Benefits

- Auto substrate matching
- Auto proportional control / watt density
- Auto maintenance schedules
- Auto production quality reports
- Intelligent operator control panel
- Intelligent system diagnostics
- Online instruction manual
- Online equipment/spare part drawings
- USB possibility for download of production data
- USB possibility for future software updates
- Online educational videos

Features

- Resonant feedback system with ultra high efficiency
- Wet-start control function
- Compact design, easy integration
- Zero speed switch
- Operating hours counter
- Operator password protection
- DPC dynamic pulse control
- Toggle between metric / imperial units
- Quick up-and-running philosophy (Modular)

Optional

- 7" LCD touch panel (ICC7)