Corona Supplies Ltd
for all your corona needs

GX10, 20 & 30 - Generator Indicator Lamps & Front Panel Controls

Interlocks closed lamp.

If this lamp is illuminated, it indicates that all the safety switches fitted on the treater are closed i.e. all doors/windows are shut, the ozone extraction fan is running and (if fitted) the emergency stop has not been depressed. **This lamp, along with the up to speed lamp must be illuminated otherwise the corona discharge will not start.**

Up To Speed Lamp.

In order to eliminate a corona discharge onto a stationary web, all Corona Supplies treaters supplied with a rotating roll are fitted with a zero speed switch. Once the line is up to speed this lamp should illuminate (and corona discharge will occur). If for any reason the line is stopped, the corona will be switched off automatically, and will only re-start once the line is again up to speed. **As with the interlock lamp, this must be alight before corona discharge can take place**.

Treat On Lamp.

This lamp illuminates once the corona is discharging at the treater. **Note: The following conditions must first be met.**

- Interlocks closed lamp must be on.
- Up to speed lamp must be on.
- Start/Stop button must be depressed.
- Output potentiometer must be set above minimum power.

Trip Lamp.

This lamp when illuminated indicates a problem at the treater station. It shows there is a short circuit of the HT potential to ground.

Mains On Lamp.

If this lamp is illuminated then voltage is present to the generator and the isolator/circuit breaker is switched on.

Start/Stop Button.

Assuming the mains power is switched on at the isolator/circuit breaker, and the interlocks and up to speed lamps are illuminated, depressing the start button allows the output stage of the generator to become energized and the treatment process to begin. Depressing the stop button causes the treatment to cease.

Digital Meter.

Depending on which generator is being used, treatment can be adjusted from zero to one, two or three kW.