

Our corona treatment generators are the best of the modern actuators and have every automatic functions found in a corona equipment: generator, station, ozone extraction.

- * Proportional asset - Impuls on/off (remote control by RS232 are possible)
- * Security: Very High Voltage securing by cutting off the supply - Protection against permanent short-circuit
- * Treatment checking: gap of power - hole detection

- Options
- * Witness ticket throughout all corona treatment
 - * Automatic functions of the station included in the front panel of the generator

Very High Voltage Generator 20k V - 20k Hz

External controls

With Inductive Sensor or switches

Treatment controls

- 1° ON / OFF
- 2° Treatment Ctrl (impuls)

Proportional Control

- 1° Ext Ctrl 0..10v (or panel potentio.)
- 2° Proportional to speed machine
- 3° Softstart machine

Securities

- 1° Remote emergency stop
- 2° Reset faults

Station

- 1° Closing / Opening
- 2° Ozone escape

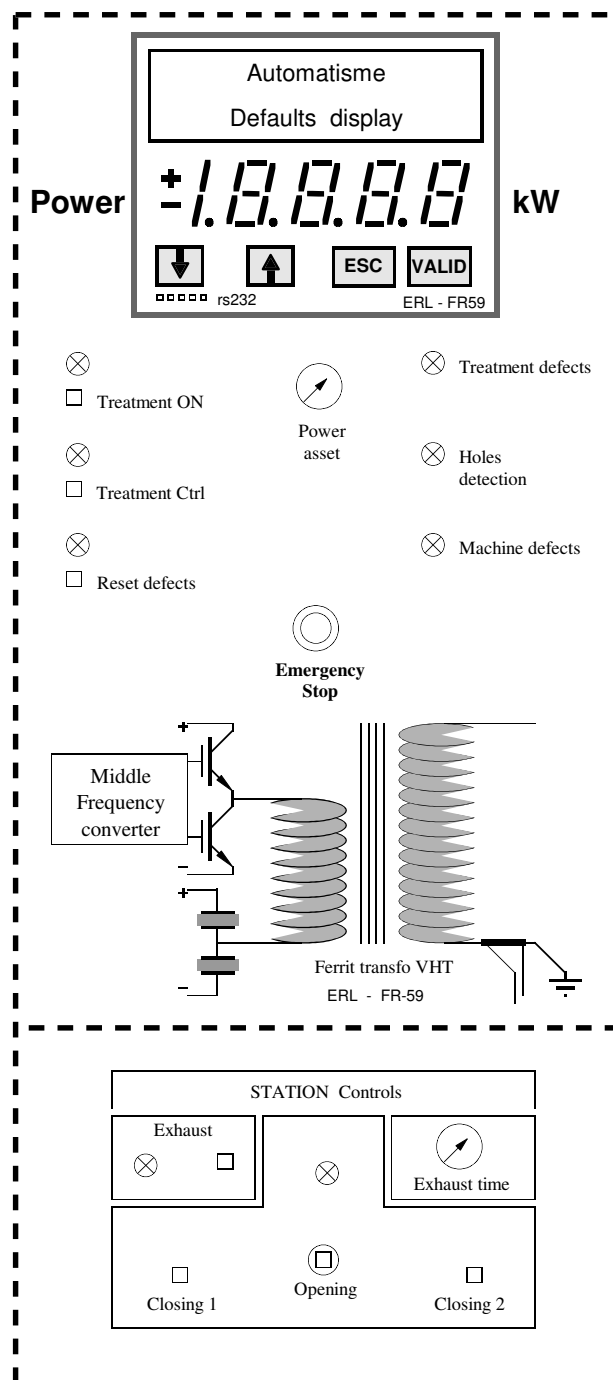
General technical characteristics:

Sizes: 600*400*250
 Waterproofing: IP55
 Weight: 40kg
 Supply: 3* 220vac + earth
 Treatment power: 90% W
 Output voltage: 20000Vac
 Controls: analog and/or rs232
 All options of treatment
 Safety / permanent short-circuits
 / Overvoltage and Undervoltage
 Complete safety devices of the station

Power range:
 2000 - 4000 - 6000 - 10000 W -
 (THT external to cabinet)

Low cost type: 2000W with electronic tube: the sturdiness of tubes makes the generator more simple.

Without automate: only analog ctrls.



Machine information

SPDT switches

Generator

- 1° Ready
- 2° Breakdown
- 3° Voltage Supply
- 4° Temperature

Defects

- 1° Treatment defect
- 2° Holes detection

Station

- 1° Closing / Opening
- 2° Ozone exhaust
- 3° Revolving Cylinder
- 4° Temperature

An automatic pilot shows all the others defects of the treatment in order to make the solution easier. A connexion rs232 validates an automatic remote control of the generator, the station and of the treatment process itself.

Generator:

- Instantaneous power
- Too high treatment / too light
- Holes and numbers of holes
- Temperature
- Supply Overvoltage / Undervoltage

Station:

- Revolving Cylinder
- Closure
- Catching of electrode
- Temperature
- Ozone extraction