IONFIX PRO STATIC GENERATOR

The IONFIX™ Pro range of high performance Static Generators delivers 150 Watts of power at high voltages up to 30 kV or 60 kV.

IONFIX Pro has been designed for the most demanding electrostatic charging applications, providing comprehensive controllability, simplicity of use and high reliability.



PERFORMANCE

- 0 - 30 kV, 0 - 60 kV available in positive or negative polarity. 150 Watts of power.
- Fast rise and fall times for high speed operations.

ESSENTIAL QUALITIES

- Intuitive, ready to run controls. Designed for ease of use.
- Easy to operate keypad with large clear LED displays showing precise running information and fault analysis.
- Multiple levels of safety and protection.

CONNECTIVITY AND CONTROL

- Industry standard remote interface links with process control/PLC.
- Simple menu to configure remote interface and access advanced settings.
- Local and remote operation of:
  - on/off
  - adjustment of voltage
  - adjustment of current limit.
- Optional fieldbus connectivity.

APPLICATIONS

- Electrostatic adhesion in many industrial processes, e.g. non-stop winders, laminate work surfaces, chill rollers, interleaving, product separation.

SPECIFICATION

Construction:
1.5 mm powder coated steel.

Electrical Output:
730150: 30 kV max, 150 W, 5 mA.
760150: 60 kV max, 150 W, 2.5 mA.
Output voltage adjustable in 0.1 kV steps. Current limit adjustable in 0.01 mA steps.
Positive or negative polarity to be specified at time of order.

HV Connections:
4 generator electrodes can be connected.

External Control and Monitoring:
Remote interface for comprehensive control and monitoring with standard 25-way, D-type connection.

Electrical Input:
90 - 250 V AC, 50/60 Hz. 3 A max. IEC 60320 C14 inlet. 2.8 m cable.

Safety:
Protected against overload, short-circuit, sparking and mis-wiring.

Environmental:
Dry, oil-free location.
0 - 50 °C maximum temperature, 70 % rH non-condensing max. IP20.

Certification:
CE.

Options:
Fieldbus connection.

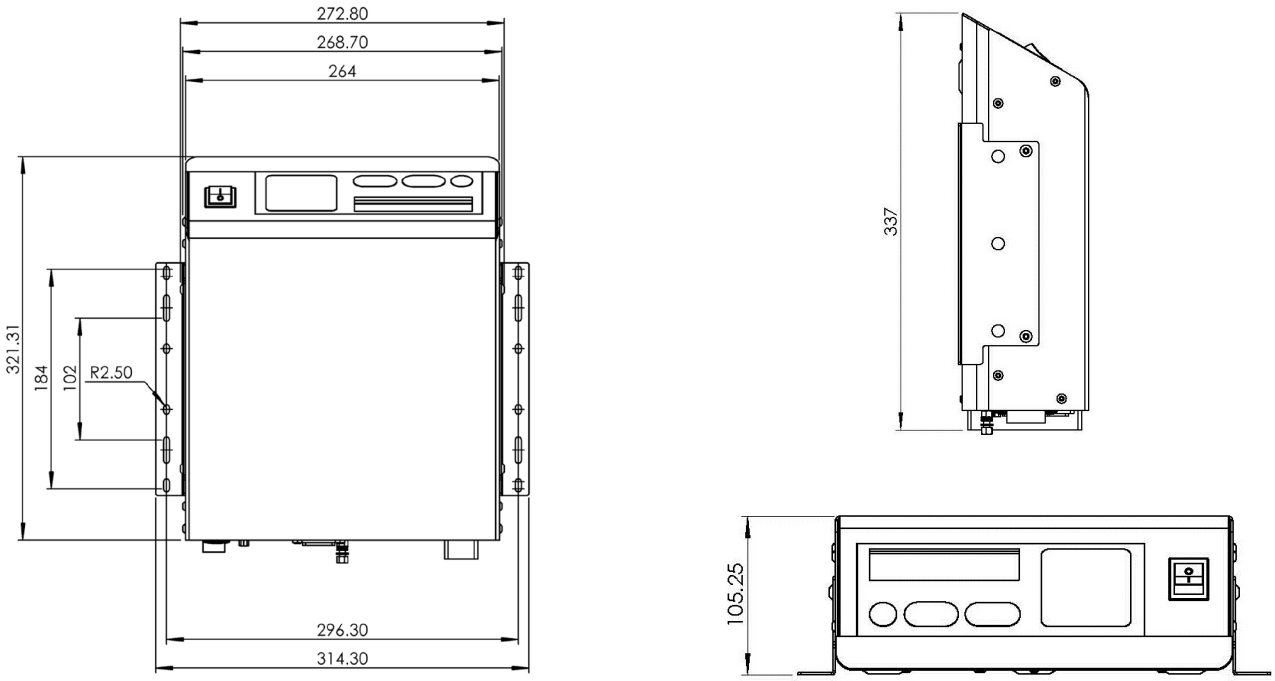
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DIMENSIONS AND CONSTRUCTION

Dimensions: 264 x 105.25 x 337 mm.



MOUNTING OPTIONS

The IONFIX range has been designed for ease of use with brackets for flexible mounting.



Standard 'bench top' fixing bracket position.



The brackets can be fitted to allow for 'under bench' mounting.



The display and keypad can be rotated by 180° for wall mounting. Please specify 'inverted display' on purchase orders.