IONFIX COMPACT STATIC GENERATOR

The IONFIX™ Compact Static Generator supplies the high voltage for industrial electrostatics applications - such as temporary adhesion, in-mould labelling (IML), hole detection, product charging and material separation.

The IONFIX Compact has been designed for manual use or for complete integration within a process. IONFIX provides a full range of features and capabilities in a compact and versatile construction.



PERFORMANCE

- 0 - 30 kV, available in positive or negative polarity.
- 20 Watts of power - giving a full 1 mA at 20 kV and 0.67 mA at 30 kV.
- Fast rise and fall times for high speed operations.

ESSENTIAL QUALITIES

- Four output connections.
- Easy to operate keypad controls with large, clear LED displays showing precise running information and fault analysis.
- Multiple levels of safety and protection. CE and UL certifications.

CONNECTIVITY AND CONTROL

- Industry standard remote interface links with process control/PLC.
- Local and remote operation of:
  - on/off
  - adjustment of voltage
  - adjustment of current limit
- Models available with 24 V DC or 90 – 250 V 50/60 Hz supply.

SPECIFICATION

Construction:
1.5 mm powder coated steel. Flexible mounting brackets.

Electrical Output:
30 kV max, 20 W. 1 mA @ 20 kV and 0.67 mA @ 30 kV.
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:
24 V DC. 2 A max. 48 W max. Combicon or 4-pin M12 connector.
90 - 250 V AC, 50/60 Hz, 1 A.
IEC 60320 C14 inlet.
Mating plug IEC 60320 C13.

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.

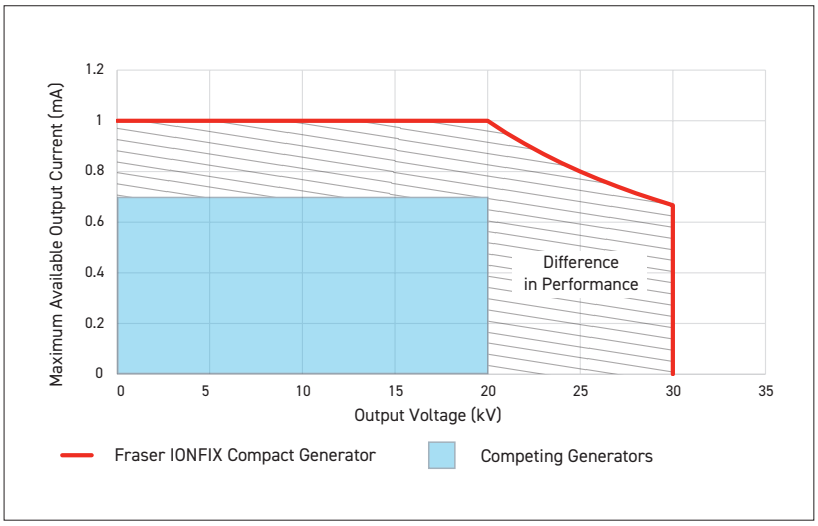
Certification:
CE, CB and UL.

Options:
IML variant - limited to 20 kV output.

FRASER Anti-Static Techniques

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UNIQUE POWER DISTRIBUTION



DIMENSIONS AND CONSTRUCTION

Dimensions: 158.30 x 105.25 x 277 mm (WxHxD) excluding mounting brackets.

Mounting: Versatile mounting brackets and the 180° rotation of display allow mounting on bench, under bench or on the wall.

