



IONFIX Static Generator

High Voltage Static Generation in a Compact Unit

APPLICATIONS

- Temporary adhesion
- Hole detection
- Product charging
- Material separation



BENEFITS

- Increase production speeds
- Increase profits
- Reduce rejects
- Reduce downtime
- Enhance product quality
- Enhance operator safety

Using the latest high voltage technologies, IONFIX sets new standards in performance, control and ease of use.

- Designed for manual use or for complete integration within a process.
- Full range of features and capabilities in a compact and versatile construction
- Available in positive and negative polarities
- Remote operation and signals available
- Display rotates 180°
- Large, clear LED display and interface



IONFIX Benefits & Advantages

PERFORMANCE:

- 0 to 30kV
- 20 Watts of power, giving 1mA at 20kV and 0.67mA at 30kV
- four output connections
- available in positive or negative polarities
- fast rise and fall times

ELECTRICAL:

- supply: models available with 24V DC or 85-264V 50/60 Hz
- remote operation and signals through 25-way D type connector

MOUNTING:

- versatile mounting brackets and the 180° rotation of display allow mounting on bench, under bench or on wall

CONTROL:

- easy to use, clear, simple keypad controls with dedicated buttons
- user interface has large, clear display with precise running information and fault analysis
- large, clear LED display of operating status
- remote operation available for on/off, adjustment of voltage and adjustment of current limit

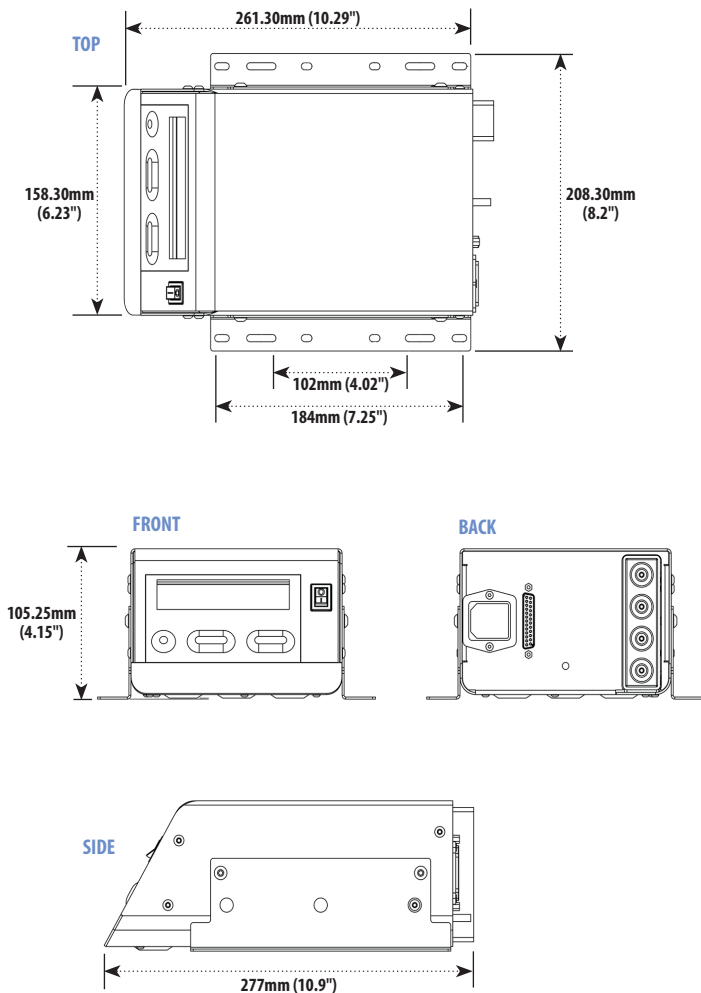
RELIABILITY AND SAFETY:

- protected against overload, short-circuit, sparking and mis-wiring
- multiple levels of safety circuitry
- designed to comply with harmonized safety standard EN 62368-1:2014
- connectors rated at 60kV

IONFIX Specifications

DIMENSIONS:

277mm (10.9") x 158.3mm (6.23") x 105.25mm (4.15")



CONSTRUCTION:

- powder coated steel
- flexible mounting brackets
- modular design for easy replacement of parts over a long life

INSTALLATION:

- dry, oil-free location
- ambient max. 50°C (125°F), 70% RH, non-condensing

APPROVALS:

- Low Voltage Directive: 2014/35/EU
- EMC Directive: 2014/30/EU

ELECTRICAL:

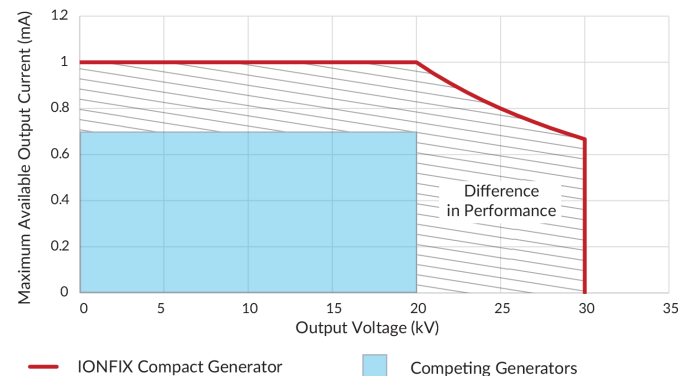
IONFIX-DC

- 24V DC
- 2A terminal block and 5m cable supplied

IONFIX-AC

- 85-264V AC 50/60Hz 1A
- IEC 320 C14 inlet and connector

Unique power distribution of IONFIX Generator:



IONFIX Part #s

IONFIX Static Generator

GN-IONFIX(N)-AC	IONFIX-Compact-Negative-AC
GN-IONFIX(P)-AC	IONFIX-Compact-Positive-AC
GN-IONFIX(N)-DC	IONFIX-Compact-Negative-DC
GN-IONFIX(P)-DC	IONFIX-Compact-Positive-DC

Hand Held Wand

GN-7097	Hand Held Wand
GN-81304	Additional HV Cable (per m)
GN-81292	Low Voltage Control Cable (per m)
GN-73021	60kV Ionfix Connection

Connector Box

GN-7700	Connector Box
GN-7700-R	(with 100 MOhm resistor)
GN-81304	Additional HV Cable (per m)

IML Electrodes

GN-771(1m)	Single Point
GN-771R(1m)	(with 100 MOhm resistor)
GN-772(1m)	Single Pin
GN-773(1m)	Ring Terminal
GN-81319	Additional Silicon Cable (per m)
GN-77020	Additional 7700 Connector

IML Splitter

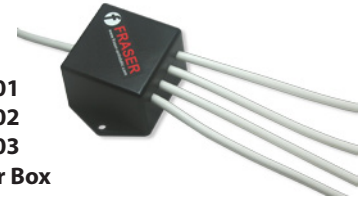
GN-7701	Basic Splitter Box - 1 electrode
GN-7702	Basic Splitter Box - 2 electrodes
GN-7703	Basic Splitter Box - 3 electrodes
GN-771(500mm)	Single Point
GN-772(500mm)	Single Pin
GN-773(500mm)	Ring Terminal
GN-81319	Additional Silicon Cable (per m)
GN-81036	Plated Emitter Pins
GN-73021	60kV Ionfix Connection
GN-77020	Additional 7700 Connector



GN-7097
Hand Held Wand



GN-7700
Connector Box



GN-7701
GN-7702
GN-7703
Splitter Box



GN-771
Single Point Electrode



GN-772
Single Pin Electrode



GN-773
Ring Terminal