

73150 / 75150 STATIC GENERATORS

The 73150 and 75150 are static generators designed for temporary adhesion applications in modern industry.

The 73150 is a 30 kV generator, while the 75150 is 50 kV. Both have output powers of 150 W and 24 V DC supply.

PERFORMANCE

- Solid state electronics and switching for stability and reliability.
- Multiple levels of protection for market-leading safety in operation.
- Fast rise and fall times.

ESSENTIAL QUALITIES

- Reliability and safety.
- Easy installation and control.
- Negative or positive polarities available.
- Two high voltage outputs. External connector box available if more connections are needed.

CONNECTIVITY AND CONTROL

- Control interface gives complete local and remote operational control of:
 - on/off switching
 - high voltage level and current limit
 - sensing of actual voltage and current for easy display
- 10 V DC supply is provided for the above remote functions – no additional power supply needed.
- High voltage output and status monitored, with voltage-free relay contacts for alarm or PLC.
- Constant current or constant voltage operating modes.



SPECIFICATION

Construction:

1.5 mm steel with mounting brackets.

Electrical Output:

73150: 30 kV max, 150 W, 5 mA.

75150: 50 kV max, 150 W, 3 mA.

Positive or negative polarity to be specified at time of order.

HV Connections:

2 generator electrodes can be connected. Connector boxes are available where more than 2 electrodes need to be served.

External Control and Monitoring:

Remote Control Interface (CI) for external control of all functions. Remote Monitoring (RM) system to check the high-voltage output status of the generator. Voltage-free relay contacts are provided to switch an alarm or feed back to a PLC.

Electrical Input:

24 V DC. 5 m of 24 V DC power cable and 5 m earth lead supplied as standard.

Safety:

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

Environmental:

Dry, oil-free location.

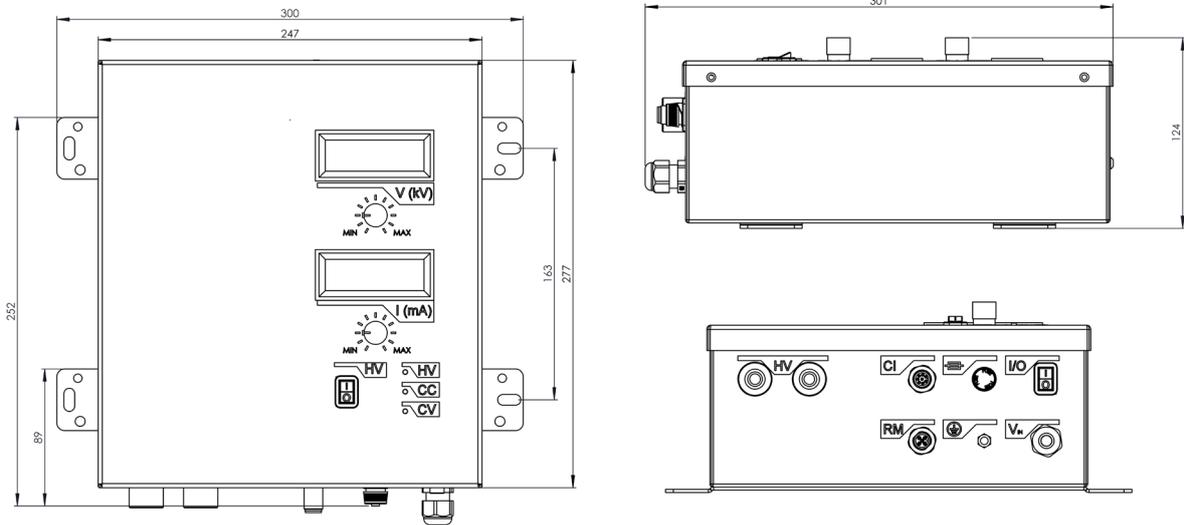
0 - 40 °C maximum temperature, 70 % rH non-condensing max. IP20.

Certification:

CE.

DIMENSIONS AND CONSTRUCTION

Dimensions: 247 x 124 x 301 mm.



ACCESSORIES AND SPARES

The generators are supplied with a 5 m, 24 V DC power cable and 5 m earth lead as standard.

Please order the Remote Monitor and Control Interface cables separately - options in the table on the right.

Description	Part No.
Control Interface M12 x 8 Pin Cable - 5 m	80777
Control Interface M12 x 8 Pin Cable - 10 m	80973
Remote Monitor M12 x 5 Pin Cable - 5 m	80778
Remote Monitor M12 x 5 Pin Cable - 10 m	80974
M12 x 4 Pin 24 V Power Cable - 5 m (included)	80779