

992v3

30kV Static Generator



The Meech Model 992v3 30kV Static Generator creates a controlled level of static charge to impart temporary bonding between materials, at least one of which is insulative. The 992v3 provides a high voltage output adjustable over the range 0-30kV or a constant current that can be adjusted between 0 and 500µA. The selected output voltage or current is shown on a digital display. The adjustability of the output voltage and current enables the unit to be used in a multitude of applications and with a variety of materials. The 992v3 is used in conjunction with the Model 993R sparkfree generator bar (refer to separate datasheet) and is available in either negative or positive output polarity versions.

993v3/02/EN/-11/09

Technical Characteristics

Dimensions (H x W x D)	95mm x 180mm x 235mm
Weight	3.25kg
Construction	Painted steel enclosure
Maximum operating temperature	60°C
Input voltage	Mains supply of 85 to 265V,
Input frequency	47 - 63Hz
Output voltage	0 to 30kV
Output current	0 to 500µA
Output polarity	Dedicated positive or negative

Feature

Benefit

Variable output voltage (0-30kV) or output current (0-500µA).	Performance can be optimised for a variety of applications and maximum pinning effect can be achieved without risk of overload.
Selectable constant voltage or constant current mode with digital display.	Easy setting of required output.
Auto trip on detection of 'flashover.'	Reduces the risk of damage to equipment and/or materials being processed.
Facility to switch the unit on and off remotely.	Unit can be switched on and off in association with machine operation.
Internal switch mode power supply.	Can accommodate different input voltages and frequencies.
Unique display panel allows horizontal and vertical mounting.	Easy installation on bench or wall.
Compact size.	Provides flexibility in positioning.
Twin outputs.	Multiple generator bars can be connected.

Product shown in this document may be covered by one or more patents, patents applied for and/or registered designs and/or trade marks. For further information please refer to our Head Office or visit www.meech.com.

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