

992v3 30kV Static Generator



Product Code: 992v3

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 500 μ A. 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 and is available in either negative or positive output polarity versions.

Features

Benefits

Variable output voltage (0-30kV) or output current (0-500 μ A).	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.

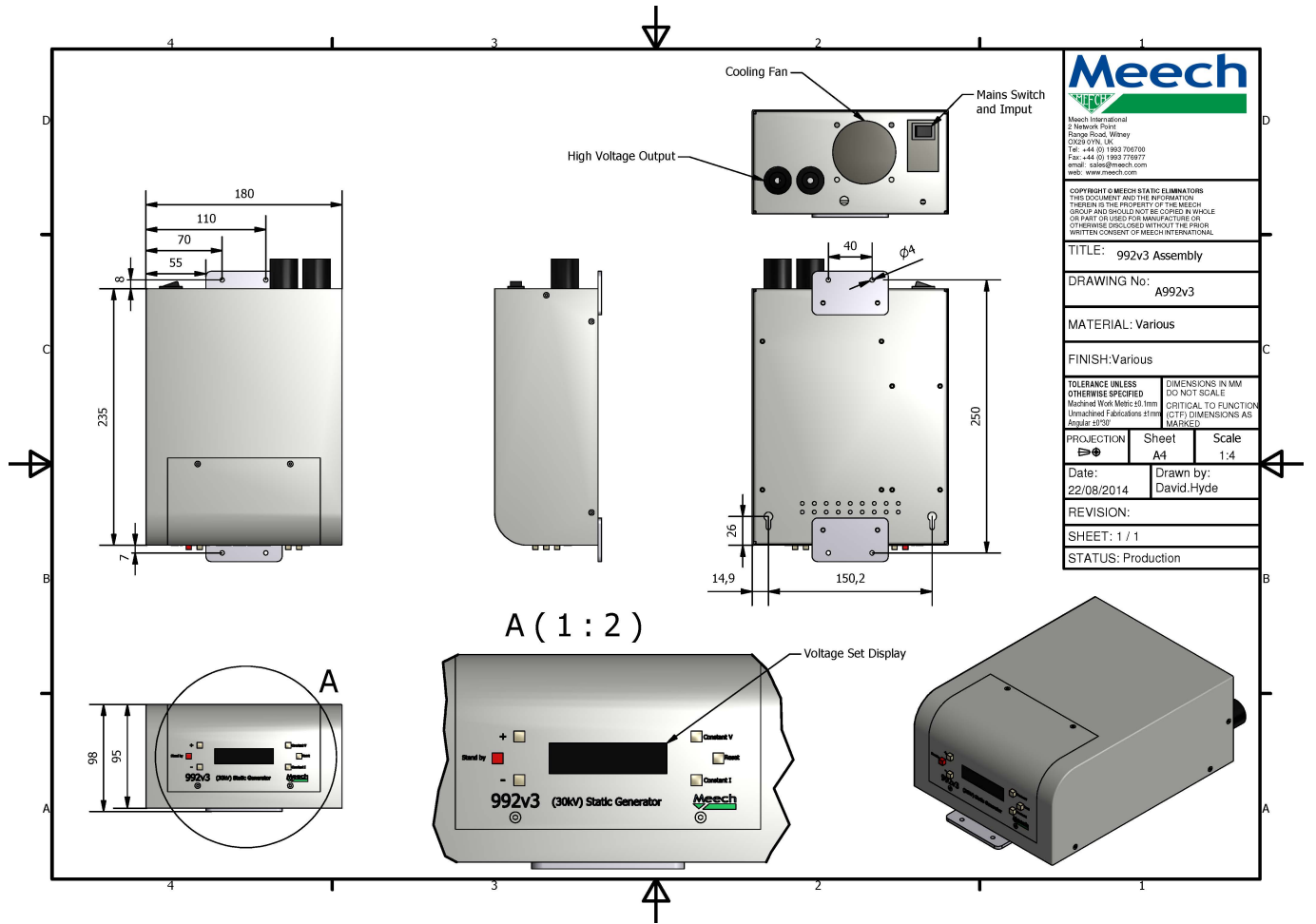
Technical Characteristics

Weight	3.25Kg
Dimensions	95mm x 180mm x 235mm (HxWxD)
Construction	Painted steel enclosure
Maximum temperature	60 °C
Power input requirements	Mains supply of 85 to 265V, 47 - 63Hz
Output polarity	Dedicated positive or negative
Output voltage	0-30kV
Maximum Output current	0 to 500 μ A

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Product Data Sheet

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TITLE: 992v3 Assembly
DRAWING No: A992v3
MATERIAL: Various
FINISH: Various

<small>OTHERWISE SPECIFIED</small>	<small>DIMENSIONS IN MM</small>
<small>Machine Work Metric ±0.1mm</small>	<small>DO NOT SCALE</small>
<small>Unmachined Fabrications ±1mm</small>	<small>CRITICAL TO FUNCTION</small>
<small>Angular ±1°30'</small>	<small>MARKED</small>

PROJECTION	Sheet	Scale
	A4	1:4

Date: 22/08/2014
Drawn by: David.Hyde

REVISION:

SHEET: 1 / 1
STATUS: Production

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