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Technical Information

Glow Discharge Supply

Part Number MC-06380D

We are pleased to announce that MassCare Ltd is now offering a replacement for the Glow Discharge Supply in the VG9000.

This unit is fully compatible with both the older and newer designs and is rack mounted in the same way.

As the connectors on the original Glow Discharge Supplies were of a very old and now obsolete design, these have been replaced in the new unit by modern equivalents. Free connectors are supplied to replace the original connectors on the wire terminations. This is a simple swap.

The unit is based on a purpose built power supply capable of delivering upto 3kV (negative) at a current of 25Ma. The voltage is floated up to the accelerating potential as before. Voltage and current are displayed on meters on the front panel.

The unit offers control of both Voltage and Current, allowing one to be limited while the other is set using the Plasma support gas flow.

For further information please contact us by any of the methods at the top of this page.