



MPM

Active ionisation equipment operates on high voltage. The power units transform the mains voltage to the high voltage required by the ioniser. There are different types of power units available. Power units are easily connected and operated and don't need any maintenance.

The MultiPowerMaster (MPM) is an addition to the range of high voltage power units. It features electronically stabilised output voltage and a wide range of input voltages. Input voltages range from 100-240 V AC, 50-60 Hz. Output voltage is preset at the factory to 3.3, 4.0, 5.0 or 7 kV.

Green and red LEDs are incorporated in the top face of the MPM. Optionally the MPM can be fitted with a I/O connector for interfacing with f.e. a PLC. Optional I/O signals are available for remote on/off, high voltage present and overload. The I/O connector also contains a 24 V power source for use with the Typhoon airpressure sensor.

Options:

B: Ion Balance control

H: High-voltage control

Apart from the high-voltage indicator a switch contact is available on the I/O connector.

M: Master Slave

Two MPM units can be interconnected to produce bi-phase ionisation for high speed applications s.a. Conveyostat®.

O: Overload detection

A switch contact is available on the I/O connector.

P: 24 V DC power output on I/O connector

R: Remote control

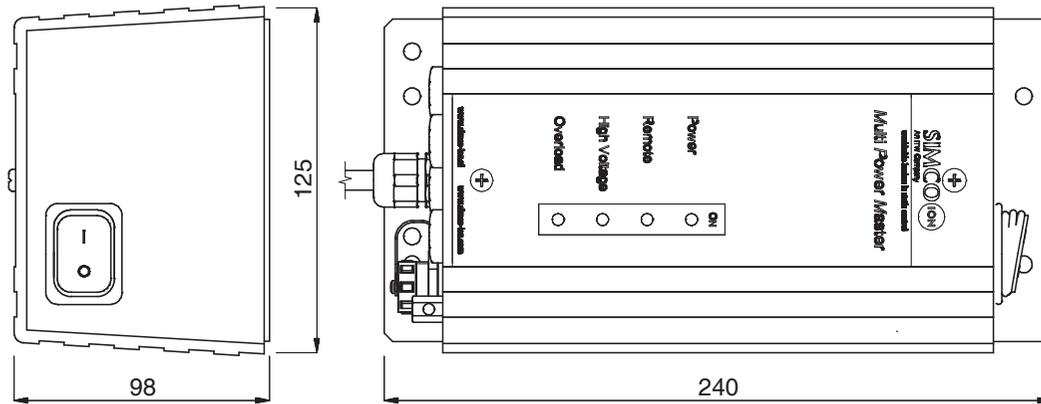
The power unit can be remotely switched on or off by a remote contact.

D: This power unit can be switched off at a preset drop in high-voltage output

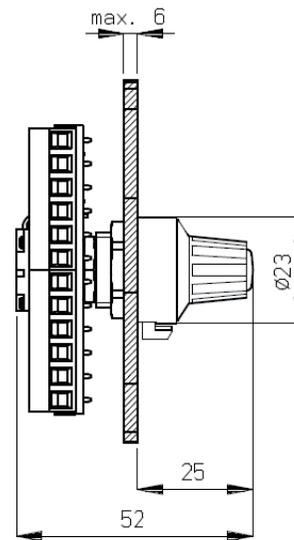
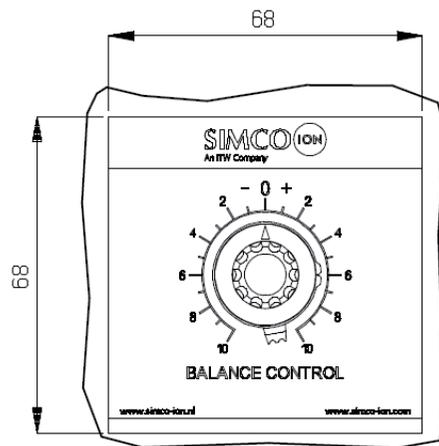


Technical specifications

Housing material	aluminum and steel, powdercoating
Weight	3 kg
Connections	4
On-off switch	yes without light
High voltage indication	LED
Cable	1,8 m
Ambient temperature	0- 50 °C
Use circumstances	industrial
Protection classification	IP- 54
U primary	100 V or 240 V
Frequency	50 or 60 Hz
Power consumption	36 Watt
U secondary	3,3 - 7 kV AC*
I secondary	3mA max.
Options	B,H,M,O,P and R
Approval	UL



Technical drawing MPM



Technical drawing External Balance control kit MPM



Balance control

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