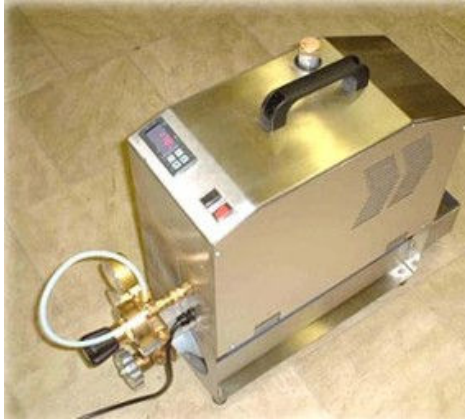


# The Corona Oil Mist Generator (OMG)



- Adjustable Particle size from 0.2 micron mmd
- Fully automatic self purge after every operation
- Independently heated reservoir to ensure consistent viscosity of oil
- Splash Proof Switching
- IP 65 Microprocessors with PID control
- Machined Heater block, guaranteed for life
- Quick connect coupling to any size of inert gas bottle and regulator

General Specification (approx)	OMG
Size	21½" x 7½" x 17¼"
Weight	44 lbs
Heat Exchanger	2.2Kw
Power Supply	110vAC, 50-60Hz
Optional	230vAC, 50-60Hz
Warm up time from cold (minutes)	6.5
Duration at max output before refill (minutes)	85
Oil Reservoir capacity	10.5 pints
Aerosol output (9g,sec)	0-850,000
Mist / Fog Particle diameter (micron, mass median)	From 0.2 micron mmd
Remote operation	Included with every model

The Corona OMG system produces an oil mist / fog of a consistent particle size and distributed throughout a wide range of pressures. Developed from the aerosol generating systems that Corona have produced for over 40 years (used to challenge HEPA filters with known aerosol concentrations), the OMG uses precision components throughout to ensure reliable and consistent operation.

The independently heated and temperature controlled oil reservoir ensures that the oil under test is at a constant viscosity.

Adjustment of the particle size from 0.2 micron mmd is possible via a precision mixing valve regulator

Oil mist / fog from the OMG can be passed through flexible ducting if required using optional ducting adaptors (1", 2" and 3" available), or alternatively an extended nozzle can be fitted to allow entry into a pressurized system.

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