



VM5000 Electrostatic Portable

The Portable System is a truly portable electrostatic. With the paint ready, it takes just ten minutes to unpack and begin spraying. Hose and cable are available up to 300 feet in length. The electrostatic "wrap" effectively paints the hidden sides of pipes, bars, corners, etc. Examples of uses are: Steel coral fencing, ornamental iron railings, metal door frames, farm equipment, sheet metal products, pet cages, oil tanks, filing cabinets, compressors, etc. There is also the advantage of being able to hook up a standard airless paint spray gun for normal spraying.

The electrostatic effect works best when used with industrial enamels which are thinned by aromatic reducers (such as xylene). With the Lemmer electrostatic, paint preparation is very simple; all that's necessary is proper thinning; no additives for conductivity "correction" are required! No need for conductivity meters! The basic principle works on giving the paint a static charge. Once charged, the paint is attracted to the nearest grounded object, and will disperse evenly over the entire surface.

This results in a reduction of overspray, thus saving paint and time. To achieve all this, the Lemmer electrostatic uses a special multi channel swirl nozzle (detailed above). It creates a slow spiral fog which allows time for the paint to "wrap". Note: Due to the fine "fog" atomization, any air movement (wind or large fans) during spraying will have a negative affect on the "wrap". Optional flat spray nozzles are available for large surfaces.

GM5000 Gun Specifications:

Maximum paint pressure: 3625 psi
Air requirements for air coat use: 3CFM @ 20 psi
Weight: 24.6 oz.
Output voltage: 80 kV
Output current: 150mA DC
Polarity: Negative
Fluid hose: 25' with 1/4" NPS ends
Power cable: 25 ft.
Power supply: VM 5000

DC-5550 Pump Specifications:

Type: Variable speed airless piston
Pressure: 0 to 3000 PSI
Motor: 7/8 HP DC
Valves: Tungsten Carbide
Volume: 0.55 GPM

Portable System Specifications:

Weight: Approx. 85 lbs.
Power requirement: 115 VAC

VM5000 Power Pack Specifications:

Nominal input voltage: 115 VAC

Output DC voltage: 20V

Output frequency: Approx. 26 kHz

Input current: 40W

Owner Manual Gun GM-5000

Owner Manual box VM-5000

Accessory Order Numbers:

Hose fibre braid 25' x 1/4": L031-073

Hose fibre braid 50' x 1/4": L031-074

Hose connector 1/4": L035-001

Extension cable - 10m (32.8'): L013-600

Extension cable - 20m (65.6'): L013-601

Plate type filter for gun - 200m: L011-907