

AEROFLOCKER

FLOCK SPRAYING EQUIPMENT

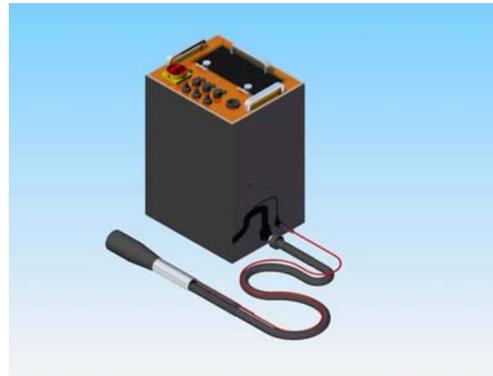


The flocking of objects which have deep recesses or sharp angles has always created problems for flock coaters. This is the result of the Faraday Cage effect where the electrostatically charged fibres are attracted to the nearest earthed surface which stops them reaching into cavities and corners.

To overcome this problem a pneumatic or blown electrostatic flocking system is required.

The Aeroflocker is a blown electrostatic system that delivers an easily adjustable steady stream of charged flock. It is suitable for flocking into profiles and pockets in addition to external surfaces.

The standard system comes complete and ready to go. The process parameters can be set very quickly. An optional hand held hopper for electrostatic only applications is available.



AEROFLOCKER SPECIFICATION

- The system consists of the main process unit and applicator gun.
- The main process unit is self contained portable mains operated unit.
- The flock hopper unit holds up to 1kg of flock, but will successfully operate with as little as 100gm of flock.
- The high voltage generator has a fully adjustable output of up to 60kV. The generator will supply up to 350uA.
- The flock delivery unit sieves the flock before delivering it to the gun via the delivery hose.
- Different sieve sizes are available to suit the flock lengths of up to 2mm.
- Independent controls allow the flock delivery, air flow and electrostatic charge to be adjusted to suit the application and required work rate.
- A selection of nozzles is available for the gun to facilitate differing spray patterns to suit various applications.
- The flock hopper is manufactured from stainless steel.
- The main unit allows non blown hand held applicators or flock chambers to be connected to the generator.
- The main process unit measures 410W x 300D x 560T and is available for 110V or 220/240V operation. The system weighs about 25kg