

DYE PENETRANT INSPECTION EQUIPMENT

ELECTROSTATIC SPRAY MODEL MPS 1B

Ideal for the application of Dry Developer to large
Components within a Spray Booth



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MAGNAFLUX[®]

Division of ITW Ltd

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The principle of integrated high voltage generation and the compact design have been adopted from existing field-proven equipment. Based on this experience, a completely new model of versatile manual equipment has been developed that is suited for all fields of application. The basic configuration comprises the revolutionary PG1 Powder Gun and PGC Control Unit. Because of its flexibility and ease of use, this MPS 1B Powder Coating Equipment will be a cost-effective and reliable tool for your dry developer application.

The MPS 1B does not have a fluidised or an agitator hopper. Instead of a hopper, the developer powder is drawn up directly from its 5 kg container. The developer powder is loosened up by an ingenious vibration technique. Your advantage is that the MPS 1B only consumes 4m³/h of compressed air.

You determine the desired powder quantity by means of the conveying air pressure which is indicated on the gauge. The stability of the powder feed is indicated on the conveying air flowmeter. With the supplementary air the ideal feed rate can be set even for low powder output requirements. This system ensures an optimum powder flow which is a prerequisite for perfect coating results.

The PG 1 Powder Gun is optimally tailored to the requirements of the operating personnel. It is extremely light (570 g), compact, and with high powder charge it achieves a far superior coating performance. It is rugged, requires little maintenance and contains an integrated high-voltage generator that produces a consistently high, negative charge of up to 98kV.

Specification

Power Requirements	110, 220 or 240V 50/60 Hz
Frequency	17000 Hz
Nominal Output Voltage	98kV
Maximum Output Current	130µA
µA kV	LED
Connected Load	140 VA to 200 VA
Power Cord	5m (without plug)
Nominal Output Voltage	10V to Gun
Nominal Output Current	1.2A to Gun
Input Pressure	5 to 10 Bar
Explosion Protected	EE x 5 mJ
Approval	EN 50.050
Dimensions	590 mm wide x 750 mm deep x 1170 mm high

Units carry the C E mark and conform to the appropriate European Union Directives

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