

POWDER CUP LAB SET 2008C

THE PERFECT LAB SET FOR TESTING, SAMPLE COATINGS OR SMALL SERIES PRODUCTION



FEATURES AND BENEFITS



PEM-CG3
Powder Cup Gun

- The PEM-CG3 cup gun has an integrated high voltage cascade with output voltage up to 100kV, negative.
- New multi-functional nozzle system provides easy switching between round and fan spray nozzles.
- Removable 500 cm³ fluidized container with fan spray nozzle and deflector cone. 220 cm³ and 900 cm³ fluidized container also available.
- Feed and dosage air adjustable directly on the gun.
- Lightweight (approx. 39 kg), balanced powder gun, easy to handle and operate.
- PRIMA EPG 2008 electrostatic controller regulates the selected output voltage at the gun tip for optimum coating efficiency.
- A large LED display helps the operator by simultaneously displaying output voltage and current.
- A wide variety of nozzles are available for different coating applications.

WAGNER'S POWDER CUP LAB SET 2008C is the ideal powder spraying gun for use by powder manufacturers and users who have to apply small quantities of powder. The complete self-contained system is ideal for small production runs, individually manufactured items, coating small samples, laboratory testing and powder demonstrations.

THE POWDER CUP LAB SET 2008C SYSTEM IS COMPLETE WITH:



- A case which includes a hinged housing cover and carrying handle, making the system lightweight, extremely portable and easy to set-up and demonstrate.
- Powder cup gun PEM-CG3 100kv corona gun with integral 500 cm³ fluidized container.
- PRIMA EPG 2008 control unit.
- Deflector cone (17, 25, 32 mm), fan spray nozzle, fuse and wedge tool.
- Pneumatic line for the feed air to the powder cup gun.



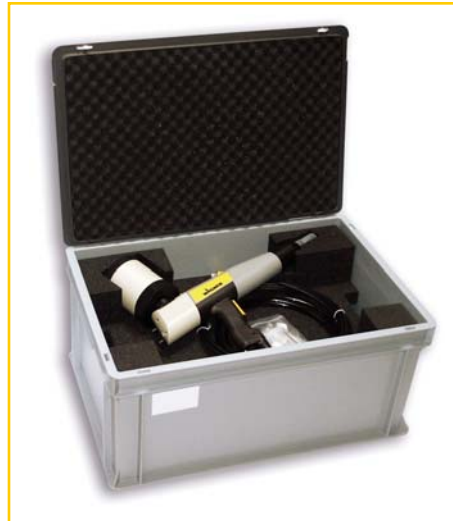
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PRIMA EPG 2008 CONTROL UNIT

SPECIFICATIONS



- **Exclusive one-touch powder volume knob.** While conventional controllers require the operator to carefully balance two air flow control knobs to change powder volume without changing the delivery velocity, the PRIMA EPG 2008 powder volume knob automatically balances air flow – one touch does it all.
- **Four electrostatic pre-sets.** Recall electrostatic settings with the touch of a button. Factory defaults provide pre-sets for standard, faraday, recoats and a fourth that is user-defined. All four can be changed for your specific needs.
- **Total air control via one knob.** This knob changes the powder delivery velocity without altering the powder volume.
- **Nozzle style air control knob.** This knob fine tunes the air flow to the nozzle, and when used with Tribo-style powder spray guns, can also be used as the Tribo charge air control.
- **LED voltage display.** LEDs not only indicate voltage setting, but once the spray gun trigger is pulled, the same LEDs will then monitor actual voltage output.
- **LED micro amp display.** When used with a Corona-style spray gun, these LEDs are used to display set max current and then display actual current once the spray gun trigger is pulled. When used with a Tribo-style gun, these same LEDs monitor the Tribo current.
- **Automatic gun recognition.** The PRIMA EPG 2008 works with either Corona or Tribo spray guns.



Powder Cup Lab Set 2008C0265107



Thermal delay fuse, deflector cone assembly, fan spray nozzle assembly and wedge tool



Mains cable, velcro fastener and grounding cable

PRIMA EPG 2008 CONTROL UNIT0360010

Dimensions: 17.3" L x 5.4" H x 11.8" W
 Weight: 12.1 lbs. (5.5 kg)
 Input Voltage: 100 / 120 / 230 V
 Frequency: 50 / 60 Hz
 Output Current: Max. 0.9 A
 Corona Current Limiting: 5 μ A to 120 μ A (adjustable)

PEM-CG3 POWDER CUP GUN0351035

Weight: 1.96 lbs. (890 g)
(incl. Cup w/o supply lines)
 Output Voltage: Max 100 kV DC
 Output Current: Max 160 μ A DC
 Polarity: Negative
 Protection Class: IP 54
 Powder Output: Max 300 g / min @ 4 Bar

ACCESSORIES

Fan spray nozzle assembly (complete)0351901
 Deflector cone17 mm0351225
 Deflector cone25 mm0351226
 Deflector cone32 mm0351227
 Wedge tool (to insert protective wedge)0351986
 Thermal delay fuse 1.0 A9951117
 Mains cable0264626
 Grounding cable0130215
 Velcro fastener9998069

220 CM³ FLUIDIZED CONTAINER For PEM-CG3 Powder Cup Gun0241117

900 CM³ FLUIDIZED CONTAINER For PEM-CG3 Powder Cup Gun3053662

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