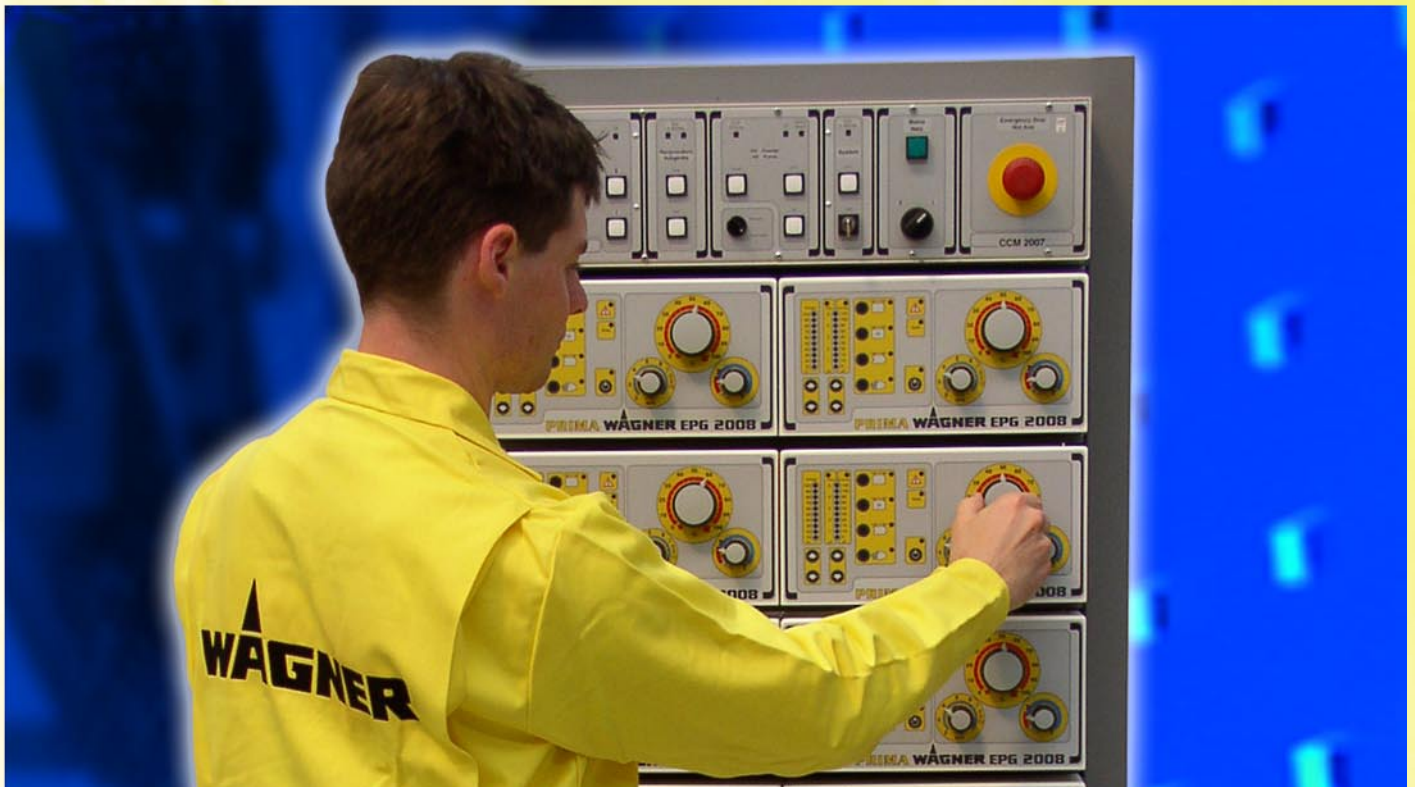
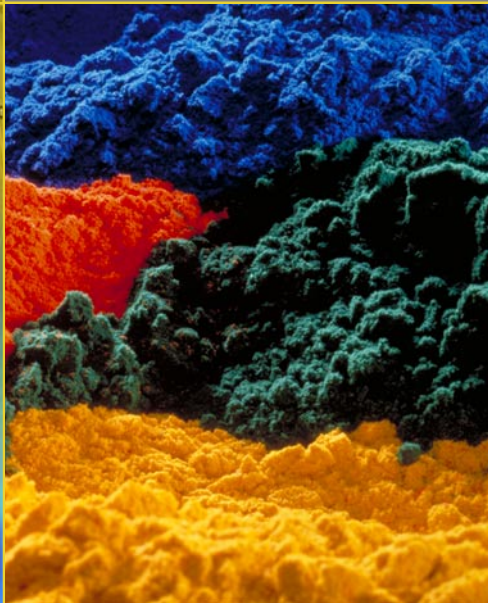


PrimaTech: controls, regulates, grows with you



Universal control technology
The modular PrimaTech System



MODULAR

EXPANDABLE

UNIVERSAL



PrimaTech - The modular concept for made-to-measure electrostatic powder systems



PrimaTech, the expandable control concept

The PrimaTech central controller controls all functions of the plant precisely and with reference to the subject being coated. The powder output, the powder atomization and the charging of the powder are regulated from here for each individual gun.

Since both Corona and Tribo guns can be operated with this control system, the central controller also regulates the high voltage and the Tribo charging for these. The charge figures for the high voltage and the frictional charging capacity can be read off directly. The latest control technology, universal use and the expansion

possibilities offered by the building block system provide the best conditions for efficient series production in industrial production.

PrimaTech meets all the essential safety and technical requirements without problems. Even newcomers get an easily assembled automatic powder system with interesting possibilities for expansion, right up to gap control.

All features at a glance

- Latest modular technology, a wide range of expansion possibilities
- Tribo and Corona LED display instruments
- All modules with plug connectors for easy assembly and commissioning

- All important interlock facilities fitted

The PrimaTech 2007 power components

- **CCM** Central Control Module
- **EPG** Gun control module
- **TCM** Turbo control module
- **RCM** Reciprocator control module
- **GCM** Gap control module
- **SCM** Expansion module from 8 to 16 or 24 automatic guns

The CCM 2007 central control unit and power supply



The CCM 2007 control unit brings together all the individual control modules for an automatic powder coating system and is thus the central control and operating unit.

- It interlocks up to 8 gun controllers with each other (EPG 2008).
- It controls and switches up to 2 additional air supply modules (TCM 2007).
- It remotely switches up to 2 reciprocator controllers (RCM 2007).

Other features are:

- Central emergency off switch
- Connection circuit for gap control
- Inputs for conveyor ready signals and also booth ready signals
- Malfunction signals to the conveyor system

The fluidizing air for a fluidized bed powder container or an Airfluid unit is also switched and adjusted at the CCM 2007 control unit

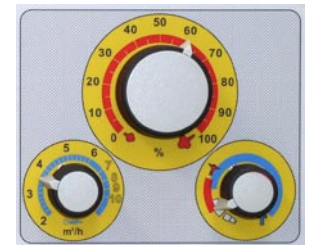
Universal possibilities for use: The EPG 2008



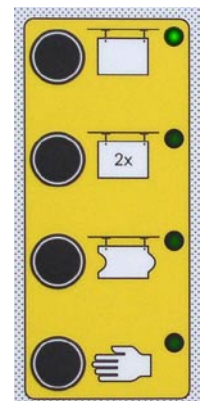
The EPG 2008 controller controls all modern powder guns from WAGNER. It makes no difference whether the guns are Corona or Tribo, manual or automatic, the EPG 2008 automatically selects the right operating mode.

Four recipes (three pre-set and one freely adjustable) facilitate the optimal setting of high voltage and current limit.

Three large rotary knobs for



powder output, total air and atomizing air are particularly user friendly



A wide range of application possibilities for powder coating

The TCM 2007 Turbo control module



The TCM 2007 control unit provides 4 independently switched air supplies, each switched on and off through the CCM 2007 central control module. The control unit is used with Tribo and metallic powder guns.

PEA C3 for perfect surfaces

The PEA-C3 automatic gun offers an extremely high application efficiency and excellent powder charging. The integral high voltage cascade operates perfectly and safely, at up to 100 kV. The high voltage cascade can be replaced in the event of failure.

All electronic components are integrated into the robust plastic body of the gun. This means low servicing costs and a long service life. An extensive range of nozzles



PEA-C3 Automatic Corona spray gun

is available for the widest variety of applications. The individual spray systems can be changed over in seconds

without tools and can be used for manual or automatic guns.

The RCM 2007 reciprocator control module



This controller is designed for 2 reciprocators, and controls these independently of each other. The reversing points can be adjusted by means of potentiometers. Like the direction indicator they can be read off from a clearly laid out LED display.

The Tribo PEA-T3 for the most difficult component shapes

In tribo coating, optimal tribo charging is essential to be able to achieve a brilliant surface even on particularly complex work-pieces with undercuts and cavities, such as Faraday cages. The PEA-T1 Tribo automatic gun is equipped with an additional tribo-air to increase the intensity of the frictional charging. The long service life of the wearing parts reduces the operating costs and thanks to the easily serviced design, the cleaning is quick and simple.



PEA-T3 Automatic Tribo spray gun

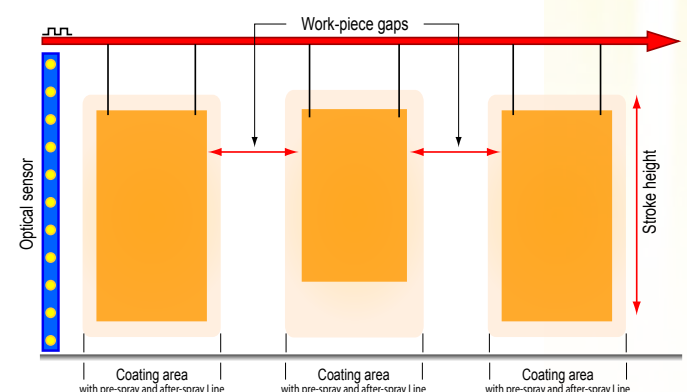
Accessories

There is a nozzle system suitable for every coating task.



The GCM 2007

The GCM 2007 gap controller switches the powder feed on and off in the gaps in the conveyor system. This achieves distinct savings in the powder circuit; the quality of the powder is preserved. This also gives a better service life for wearing components.



Specifications

PrimaTech

	Specification: 1 CCM 2007 2 EPG 2007 2 TCM 2007	CCM 2007 Central control module	EPG 2008 Controller	TCM 2007 Turbo control module	RCM 2007 Reciprocator control module	GCM 2007 Gap control module
Dimensions (WxHxT) in mm	630 x 1670 x 660	540 x 136 x 340	270 x 136 x 340	270 x 136 x 340	270 x 136 x 340	270 x 136 x 340
Weight in kg	approx. 140	approx. 8	approx. 6,4	approx. 5	approx. 4,5	approx. 3,3
Build type	to EN 50050					
Electrical mains: (AC)	Mains (AC) 85 VAC to 264 VAC	Mains (AC) 85 VAC to 264 VAC	Mains (AC) 85 VAC to 250 VAC	Supplied from the CCM 2007 24 DC	Supplied from the CCM 2007 24 DC	Supplied from the CCM 2007 24 DC
Frequency	47 to 440 Hz	47 to 440 Hz	47 to 440 Hz			
Power input	max. 270 W for System expansion to 750 W	max. 30 W	max. 25 W	max. 2 W	max. 6 W	max. 5 W
EMI Filter	EN 55022 Class B VDE 0878 PT3 Class B					
Enclosure Class	IP 54	IP 54	IP 64	IP 54	IP 54	IP 54
Pneumatic air inlet pressure *	6 - 8 bar	6 - 8 bar	6 - 8 bar	6 - 8 bar		
Outlet air pressure in m³/h	see components	0 ... 2,5 bar	Total air: 2-12 Gun air: 0,05-3	0 ... 2,5 bar		
High voltage Corona current Tribo current	see EPG 2008		0 - 100 kV 0 - 120 µA 0 - 4 µA			

Spray guns

Automatic guns	PEA-C3	PEA-C3 XL 0.85	PEA-C3 XL 1.1	PEA-C3 XL 1.4
Overall length	395 mm	974 mm	1224 mm	1524 mm
Weight	535 g	1230 g	1450 g	1720 g
Build type	to ATEX Guideline 94/9/EG and to EN 50050			
Enclosure Class	IP 54			
Powder output	max. 450 g/min			
Polarity	negative			
Output voltage	max. 100 kV DC			

Automatic guns	PEA-T3	PEA-T3 XL 0.85	PEA-T3 XL 1.1	PEA-T3 XL 1.4
Overall length	480 mm	1084 mm	1299 mm	1599 mm
Weight	900 g	1620 g	1840 g	2100 g
Build type	to ATEX Guideline 94/9/EG			
Enclosure Class	IP 54			
Powder output	max. 300 g/min			



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