

# Wagner – BRAVO manual powder coating units



BRAVO! Simpler is more!



SIMPLE

ECONOMICAL

PRECISE



[www.wagner-systems.com](http://www.wagner-systems.com)

# BRAVO – the right accessories for every coating task



## Adapter wedge for Airfluid vibration table

This adapter wedge allows powder delivery hoppers to be used in the vibration table. You can now easily convert an Airfluid unit into a container version!

The accessory range is optimally matched to the relevant coating system.

- Can be converted without using tools
- Deflector cones for all standard applications
- Fan spray nozzles for coating angular and sharp edged work-pieces
- Nozzle extensions for very deep work-pieces

for PEM-C3R  
300 mm



## Nozzle extensions for PEM-C3R and PEM-T3R

These extensions are suitable for fan spray nozzle as well as deflector cone. Best suited for very deep work-pieces such as factory cupboards, radiators and drawers.

for PEM-T3R  
300 mm



## Multi-functional nozzle systems



### Nozzles for PEM-C3R

- Deflector cones
- Slotted fan spray nozzle



### Nozzles for PEM-T3R

- Deflector cones
- Slotted fan spray nozzle
- Wide fan spray nozzle

## Technical data

Unit type	Manual powder guns	
	Airmatic PEM-C3R	Tribo PEM-T3R
Weight	498 g	590 g
Length	355 mm	500 mm
Air inlet pressure	max. 3 bar	max. 3 bar
Output voltage	max. 100 kV DC	–
Polarity	negative	positive
Enclosure class	IP 54	IP 54
Powder output	max. 300 g/min	max. 300 g/min

Unit type	BRAVO manual powder units	
	Airfluid	50L container
Weight approx	39 kg approx	39 kg approx
Size W x H x T	480 x 1100 x 725 mm	480 x 1100 x 725 mm
Mains	Standard 230 VAC USA 120 VAC Japan 100 VAC	85-250 VAC
Frequency	50...60 Hz	50...60 Hz
Air inlet pressure	6-8 bar	6-8 bar
Air outlet pressure	0,05...5,5 Nm <sup>3</sup> /h	0,05...5,5 Nm <sup>3</sup> /h
Construction	to EN 50050	to EN 50050
Usable volume, powder container	–	50 Liter
Filling capacity, powder container	–	max. 25 kg

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# Top quality – remote controlled !



## Bravo control unit – for Corona and Tribo powder guns with remote control.

Easy menu guidance and a LCD make all the information clearly available.

The functions for Corona, metallic or Tribo powder coating can be called up at the

push of a button. 12 coating recipes can be selected. The electronic Airflow Control technology and the three-stage adjustment of the characteristic curve for the high voltage continually ensure reliable and economical powder coating.



- R = Recipe selection
- + = Powder plus
- = Powder minus
- = Gun ready for operation

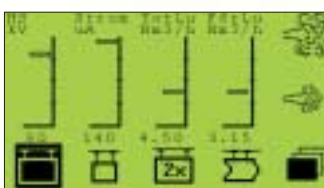
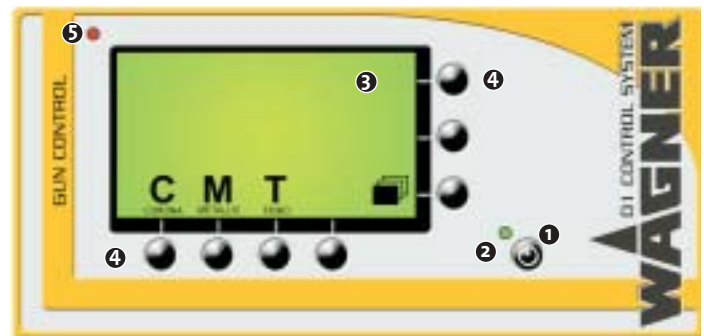
The powder cloud is set either on the control unit or directly on the spray gun, Powder **plus** and Powder **minus**. Selection of the recipe can also be operated on the gun.

- Simple pre-selection: Corona, Tribo or Metallic function
- 3 typical work-piece types can be pre-selected with matched high voltage characteristic curve for large-area parts, small parts, profile sections and recoating function

- Always the right high voltage and the appropriate powder output rate
- High penetration capacity, high efficiency, high surface coverage
- Automatic saving to memory of the coating parameters when switching off the unit

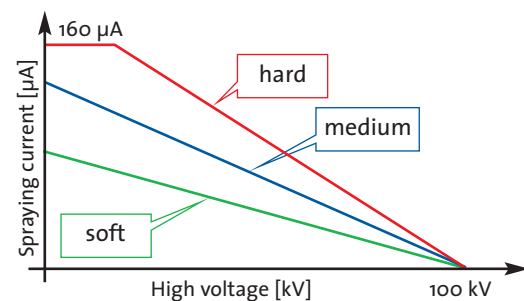
- Easy operating function levels
- Professional operator level
- Service level

- 1 On/Off switch
- 2 LED operation indicator
- 3 LCD display
- 4 7 push buttons for menu selection
- 5 LED fault indicator



Recipes save laborious setting work when changing the powder or the work-piece. Along with pre-set recipes, individual recipes can also be entered at the professional level and easily called up again at the push of a button. The recipes cover the following parameters:

- Total air (Nm<sup>3</sup>/h)
- Feeding air (Nm<sup>3</sup>/h) or in %
- Atomizing air or Tribo air (Nm<sup>3</sup>/h)
- High voltage (kV)
- Current limit (μA)
- Cascade curve (hard, medium, soft)



# Airmatic or Tribo – the super-light manual guns with integrated remote control

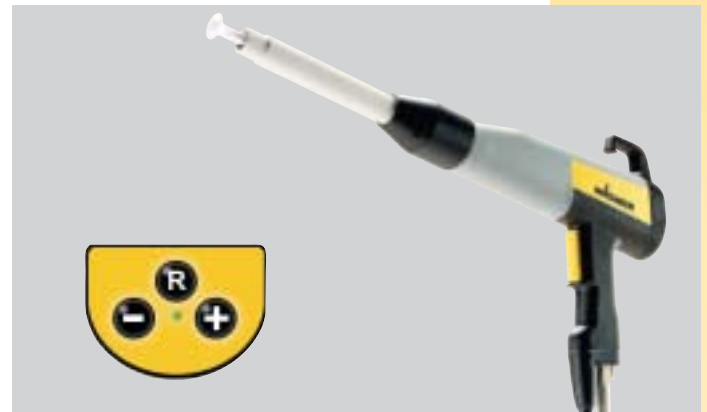
**Super-light and handy: the Airmatic PEM-C3R electrostatic manual gun**  
Coating programs and the powder output rate can be set by remote control. This means that excellent charging of the powder is always achieved.

- Fine spray pattern and uniform film
- High efficiency due to integral high voltage cascade
- Also ideally suited for metallic powders
- Super-light: only 498 g (without connecting leads)
- Multi-functional nozzle system
- Deflector cone ventilation or atomizing air



**For parts with the most difficult geometry: the PEM-T3R Tribo manual gun**  
Coating programs and the powder output rate can be set by remote control. The particles of powder are reliably charged up by friction against the PTFE inner walls and chicanes of the powder duct.

- Tribo air to increase the intensity of frictional charging
- Excellent penetration power into corners, angles and edges
- Light and handy: only 590 g (without connecting leads)
- Good service life for wearing parts



## BRAVO! More user-friendly and economical



**Bravo Airfluid manual unit**  
With a choice of Airmatic PEM-C3R manual gun or PEM-T3R manual Tribo gun.

Powder delivery from the original drum. The tried and tested Airfluid powder delivery technology.

- BRAVO control unit
- Powder gun with remote control
- Inclined vibration table for better extraction of residual powder
- Industrial standard equipment trolley



**BRAVO 50L manual unit**  
With a choice of Airmatic PEM-C3R manual gun or PEM-T3R manual Tribo gun.

The stainless steel container, which can be dismantled, is extremely easy to clean. Fluidisation of the powder is achieved by the use of an integral fluid bed. This manual

unit is ideal for the manual coating of series production.

- BRAVO control unit
- Powder gun with remote control
- 50L stainless steel container with injector
- Industrial standard equipment trolley