



Sprint 2 Manual Powder Coating

- Fast cleaning & colour change processes - completed in minutes
- Quick-Link injector - softer powder cloud coupled with lower speeds
- Wagner Wizard - the digital coating assistant that takes the guess work out
- Digital Surface Optimiser - reduces orange peel or edge build-up
- PEM-X1 gun - among the lightest in the market

Sprint 2 Manual System 2465744

The classic range of functions

Quick-Link injector offers numerous advantages

The innovative nozzle geometries of the new injector reduce the air requirement and the hose diameter needed, resulting in a significantly softer powder cloud at a lower speed. This results in a wide range of applications - from fine, decorative coatings for small parts to corrosion protection for large components.

Fast cleaning & colour change processes

Thanks to the Quick-Link coupling, all powder and air hoses can be detached in one easy step. The integrated scraper ring in the swivel arm scrapes off powder residues on the outside of the lance. As the injector and suction lance are firmly screwed together, fewer parts need to be cleaned manually.

Ergonomic and fatigue-free working

The integrated high-performance cascade of the lightweight gun keeps the high voltage measurably stable even at 100 kV, thus ensuring a consistently first-class coating performance. There are three characteristic curves to choose from, which enable optimum electrostatic powder charging even with different powder properties.

Robust design

Assembly of the manual system is minimal thanks to the pre-assembled components. The sturdy equipment trolley with electric vibrating table ensures space-saving, safe working in any environment.



WACON Sprint 2 XE Control Unit 2473752



High precision

The Wagner Air Flow Control (AFC) technology ensures precise powder control. A high-precision, closed control loop constantly measures and regulates the air volume during the coating process and thus generates a uniform powder cloud for high-quality coating results.

Digital Surface Optimiser (DSO)

The DSO function reduces overcharge effects such as orange peel or edge build-up at the touch of a button. This is particularly advantageous for decorative coatings on complex components or when using challenging powder coatings.

Easy operation

The coater has all important parameters at a glance and can make any adjustments via a central control dial. Four recipes can be accessed directly via quick selection. A further 46 recipes can be called up using the rotary knob.

Connection variants for different applications

A vibration motor can be connected to the WACON Sprint 2 XE control unit. It is supplied with power and started automatically by the gun trigger.



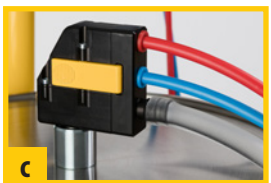
Sprint 2 Expert Manual System 2473752

The master solution for manual powder coating tasks

All the benefits of the Sprint 2 unit but digital!

Airclean kit: Reliable colour change in less than 30 seconds

The optional cleaning kit Airclean can be mounted on the trolley of the manual system and ensures even faster color changes: It enables automatic internal cleaning of the hose and gun using additional compressed air. The Airclean Remote, which can be flexibly positioned using magnetic feet, is available for remote start of the cleaning process.



AVAILABLE
IN DRUM
MOUNT



- a. Scraper ring in swivel arm
- b. Quick-Link injector box
- c. Quick-Link injector drum

- d. Airclean kit with hose (optional accessory)
- e. Airclean remote (optional accessory)
- f. Electric scale & vibrating table

WACON Sprint 2 Expert Control Unit 2473766



7-inch touchscreen with intuitive operation

The clear menu navigation includes recipe management, error history, operating hours and maintenance counter as well as a user management system.

Wagner Wizard: The digital coating assistant

With the Wagner Wizard, even inexperienced users can find the right recipe for any coating as if by magic. In 5 simple steps, you select the workpiece geometry, size, coating structure, desired coating thickness and powder type. The wizard uses these parameters to determine the ideal recipe. It also provides recommendations for suitable accessories (e.g. nozzle type, nozzle extension) and the necessary gun distance.

Digital Surface Optimiser (DSO)

Features the perks of DSO, but now on a digital screen!

Flexible process documentation & data management

All process data can be conveniently exported in the form of production or service logbooks via a USB interface.



PEM-X1 Manual Gun

2322587

Designed to be one of the lightest guns on the market

High user-friendliness

The integrated buttons on the gun allow a quick adjustment of the powder quantity. You can quickly switch to a special recipe with a double-click on the trigger lever. Factory-set recipes can also be assigned their own parameters.

Ergonomic and fatigue-free working

At just 490 g, the PEM-X1 is the lightweight among powder spray guns and at the same time extremely robust. This enables fatigue-free working, even over longer shifts.



Further highlights of the Sprint 2 Expert



Consumption monitoring with powder scale

A powder scale under the base plate is used for precise monitoring of the powder consumption. It displays the weight in the powder box and automatically sets measuring points, which are documented in a logbook with the active user, selected recipe and coating period. Relevant coating data can be bundled and analysed to determine which user coated with which recipe and when, and how much powder was used.

Well equipped for every application

The multifunctional head module with standardised perforated plate structure offers dust-protected storage compartments and hanging options for tools and accessories. This keeps everything tidy and within easy reach at the workplace. The manual system can also be quickly upgraded to a double system with two guns. The head module offers space for the installation of a second control unit.

Explore the configurations

Sprint Units

	Sprint 2 B	Sprint 2 Expert B W
Type	Trolley	Trolley
Control Unit	WACON Sprint 2 XE	WACON Sprint 2 Expert
Powder Gun	PEM-X1 (manual)	PEM-X1 (manual)
Cleaning / Colour Change	Quick-Link with Scraper Ring	Quick-Link with Scraper Ring
AFC Technology	YES	YES
DSO Function	YES	YES
Wagner Wizard	-	YES
Documentation & Data Management	-	YES
Powder Scale	-	YES
Multifunctional Head Module	-	YES

WACON Control Units

	WACON Sprint 2 XE	WACON Sprint 2 Expert
Compatibility	Sprint 2 B	Sprint 2 Expert B W
Control Vibration Motor	YES	YES
Dimensions (WxDxH)	270 x 260 x 137 mm	270 x 260 x 137 mm
Weight	4.0 kg	4.35kg
Type	CE 2813 II 3(2)D IP64 80 °C	CE 2813 II 3(2)D IP54 80 °C
ATEX Certification	PTB 12 ATEX 5001	PTB 24 ATEX 5003
Nominal Input Voltage	90 - 250 VAC	90 - 250 VAC
Frequency	47 - 63 Hz	47 - 63 Hz

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