

Ready for immediate use: The 2K Smart C is a complete, individually configurable solution for the ready-to-spray preparation of multi-component paints.



The ready-to-connect complete system **WAGNER 2K Smart C** is delivered with pre-installed paint supply (fully documented, with CE declaration) and offers an „all-round carefree package“ for the process steps of preparing, feeding and mixing in liquid paint coating.

- Individual configuration
- Fast installation & commissioning
- High mixing accuracy & perfect surfaces



WAGNER cage filter
with drip pan

Individual configuration

Depending on the application, the system can be easily and individually adapted, e.g. by varying the suction system or material containers.

Ready-to-use scope of delivery

All material and air hoses are already installed, as well as accessories such as agitators, material containers or suction systems. The pumps are already assigned in the 2K control system.

Fast installation & commissioning

The system can be put into operation within one day in just a few steps. The effort is reduced to connecting the central air supply, first flushing and creating the recipes.

Practical handling

The 2K Smart C is delivered on a robust, maneuverable rack (incl. drip tray), which is available in different sizes depending on the number of integrated pumps chosen. Depending on the requirements for explosion protection, the control can be integrated separately or directly on the rack.



Drip tray

Selection of most important configurations

| Features | Data |
|--|---|
| Number of pumps | 3 - 6 |
| Number of hardeners | Max. 2 |
| Number of C components | Max. 1 |
| Number of guns | Max. 2 with separate pot life monitoring and flushing |
| Pressure | Low or high pressure up to 250 bar |
| Pump types | <ul style="list-style-type: none"> Diaphragm pumps: DD10 (low pressure), DD10 with Cobra as booster pump (high pressure) Low-pressure piston pumps: EvoMotion 5-60, IceBreaker 10-70 High-pressure piston pumps: IceBreaker 28-40, 35-70 |
| Suction systems | Suction hose, different containers, agitator on drum lid with pneumatic lifter |
| Drip tray with grids | Optionally available for racks with 4 or 6 pumps |
| Flow measurement system | Gear flow meter or WAGNER stroke sensor |
| Explosion protection | ATEX and non-ATEX versions available |
| Display | 3,5 or 5,7 inch |
| Communication | Fieldbus interface or digital inputs/outputs |
| Remote control | <ul style="list-style-type: none"> Optional Can be used in zone 1 with recipe change Cable up to 45 m length |
| Manometer for material pressure | Available for all pressure ranges |
| Storage of moisture-sensitive material | Air drying via silica gel filter or nitrogen application (nitrogen supply on site) |

Proven advantages of the 2K Smart standard system

- Suitable for almost all coating applications with 2K/3K materials
- Homogeneous coating results thanks to patented WAGNER AIS dosing system which adapts the hardener injection to suit different material flow rates
- High mixing accuracy by choice of the suitable flow measurement system (gear flow meter for double diaphragm pumps, WAGNER stroke sensor for piston pumps)
- Fast recipe & color change, durable components, high cost-effectiveness



WAGNER AIS
(Adaptive Injection System)