

2K Mixing and Dosing System

Touch Display

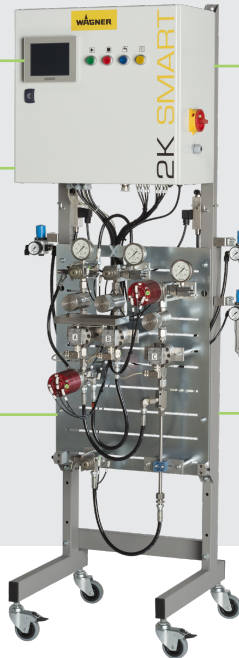
Simply structured menu for setting recipes and system configurations.

USB Connection

Simple data upload and download or data updates via the integrated USB interface.

Use of Two Guns

The valve controller for the parallel use of two independent guns.



Clearly Organized

Large user-friendly buttons can be pressed easily without having to remove protective gloves.

Paint Center

The high performance valves enable use with up to five paints, two hardners and one C-component.

Robust Design

The mixing equipment is available with an easily movable base and includes a protective cover.

The WAGNER 2K Smart is highly flexible and can be configured for each application.

- Simple, intuitive operation via integrated touch display or external PC ensures quick and easy paint changes.
- Optimal and consistent paint mixing value.
- Reproducibility of mixtures.
- Independent use of two guns.
- Easy to clean and service.
- Control of material consumption.
- Savings on disposal costs.

The WAGNER 2K Smart can determine the material flow through two different measuring systems, the Stroke sensor and the Gear flow meter.



Wagner Stroke Sensor

- Indirect flow measurement without material contact.
- No wear when using abrasive materials.
- No risk of incorrect measurements with low-viscosity materials.
- High dosing accuracy with frequent opening and closing of gun(s).



Wagner Gear Flow Meter

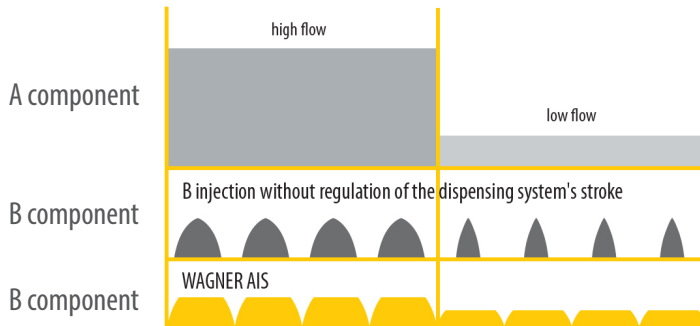
- Direct measurement in material flow suitable for non-abrasive materials.
- Fast reaction time.
- Can be used for ring paint supply systems.
- Measuring system for up to five paints.



The WAGNER 2K Smart is an electronically controlled 2-K mixing and dosing system. Electronic mixing permanently guarantees the highest mixing accuracy and quick changes to the recipe. Another advantage of electronic mixing is that only the amount which is needed is mixed and therefore, waste is considerably reduced. The simple operability saves time and prevents operating errors.

2K Mixing and Dosing System

The AIS functional principle



The AIS dispensing system from WAGNER

The AIS (Adaptive Injection System) regulates the maximum flow rate of the metering valve fully automatically. With the WAGNER AIS, the B component is injected in smooth cycles, almost without interruptions. This results in a homogeneous addition of the B component even before mixing. When changing the amount of paint flowing through, the dosing system automatically ensures an optimal mixing ratio and a reliable, constant coating quality.

2K Smart Technical Data	
Mixing Ratio	0.1 : 1 - 50 : 1
Mixing Accuracy of Stroke Sensor	± 2%
Mixing Accuracy of Gear Flow Meter	± 1%
Material Pressure	1 - 250 bar, 15 - 3626 PSI
Material Inlet	M-G 1/4" NPS
Material Outlet	M-1/4" NPS
Material temperature	5-60°C, 41 - 140°F
Ambient Temperature	5-40°C, 41 - 104°F
Component A	1 - 5
Component B	1 - 2
Component C	0 - 1
Flushing Fluid A	2
Flushing Fluid B	2
Material PH	3.5 - 9.0 pH
Width	20.9 in (530 mm)
Height	52.2 in (1325 mm)
Depth	13.4 in (340 mm)

Mixing and dosing of the highest standard

The WAGNER 2K COMFORT is ideal for multicolor applications.



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