



Press release
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New 2K Smart: Flow measurement via stroke sensor

The 2K Smart from WAGNER is an electronically controlled mixing and dosing system. Depending on the material, stroke sensors, gear or Coriolis flow meters are generally used for the flow measurement, which is necessary to ensure a high-quality finish.

In the case of mixing systems with automatic hardening control, the market offers mainly gear or mass flow meters (Coriolis). Yet these are not ideal, especially when highly viscous materials with a high solids content are involved. This is because higher wear results from the material contact during the flow measurement. In addition, the metering system requires constant cleaning. For this reason, WAGNER now offers an optional stroke sensor for its new 2K Smart multi-colour mixing system. This sensor has already proven itself in the TwinControl mixing and dosing system. "The stroke sensor calculates the flow rate via the stroke on the pump. That means it doesn't come into contact with the material. This entails reduced wear and cleaning costs as a result," explains Carsten Ludwig, Senior Product Manager Liquid at WAGNER.



Affordable 3K mixing system for wet coatings

In addition to being used as a 2K mixing system, the 2K Smart can also be configured as a 3K mixing system. The third component is also dosed automatically. For example, this means the material can be diluted automatically. "The user thus saves about half an hour per 30-litre container. That's huge. In addition, the process is more reliable because mixing errors are avoided and exact mixing ratios are always achieved," says Carsten Ludwig. When compared to other 3K mixing systems on the market, the 2K Smart stands out with its excellent price/performance ratio. "With the 2K Smart, we're offering an attractive multi-colour 2/3K mixing system for everyday wet coating applications."



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The system is delivered fully assembled

The 2K Smart can be adapted to numerous applications. For example, a version is available for processing acid-hardening paint systems. It is also optimised for integration in automatic systems. Using an online configurator, the WAGNER sales partner can optimise the mixing system to suit the customer's needs — it is then delivered fully assembled and just needs to be put into operation. "Our equipment is designed to make things as easy as possible for our customers. With the 2K Smart, we've succeeded in doing this in every respect," says Carsten Ludwig.



WAGNER stroke sensor

More information is available from:

<https://www.wagner-group.com/en/industry/products/industry-productsliquid/product/2k-smart/>



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About WAGNER:

WAGNER is a leading manufacturer of high-tech components and systems for the surface application of wet and powder coatings as well as paints and other liquid media. WAGNER surface finishing systems are used both in the industrial sector and by craftsmen and DIY enthusiasts.

WAGNER boasts a full range of products and technology, from material feeders through mixing, dosing, movement and control systems including material logistics to the surface application of the various media. Completing the product portfolio are booth and recovery systems for powder coating as well as gluing and marking systems.

The WAGNER Group has a global presence, with a workforce of approx. 1,500 people, 17 operative companies, and around 300 WAGNER agencies worldwide. The WAGNER Group is owned by the Josef-WAGNER Foundations which, in addition to supporting the group of companies, pursue exclusively non-profit, charitable aims.

For more information, visit www.wagner-group.com