

## INTELLIMIX *touch*

Strong product family of electronic system for dosing and mixing



- High reliability and accuracy
- User-friendly
- Wide range for every application
- Quick ROI

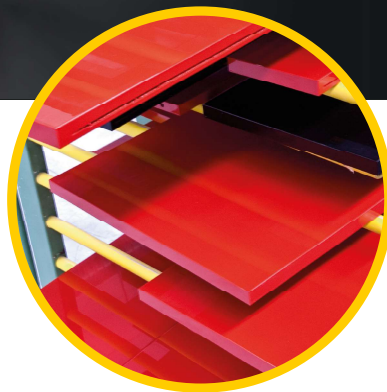
# WAGNER: Mixing experts

Wagner presents the last product family of electronic system for mixing and dosing: the INTELLIMIX touch family is the ideal solution for every application (AirCoat or Airless, pneumatic, standard or electrostatic atomization).

The INTELLIMIX TOUCH family, distinguished by unique performances, is composed by 4 different models: all of them could be customized and upgraded and they can cover all the range of application where accuracy and quality is required. From the entry level 2K Compact version "plug and play", to the 4K units or the unit able to manage two different fluid sections.

We developed these systems to optimize the colour changing and flushing operations in order to reduce waste of product and time in production. Moreover the automatic and control mixing of the machines, allows to reduce human error during the preparation of products and guarantee an higher consistency of the product.

INTELLIMIX touch becomes the standard solution in electronic mixing, as evidenced by the large amount of installations in the most different types of business, from the wood and MDF facilities to the ACE & T segment and the metalworking industry.



### MAIN FUNCTIONS

- Real-time control of product flow rate and accuracy of mixing, with an alert in case of failure
- Monitoring the consumption of paint and cleaning solvent in every recipes
- Managing of Pot-life and its related alerts
- Automatic colour changing and cleaning: possibility to customized flushing programmes
- Management and storage of recipe parameters
- Planned maintenance of valves and volumetric meter through PLC
- Editing of operational parameters

### BENEFITS

- Safety and accuracy in mixing process even with low percentage of mixing ratio and water-soluble products
- Quicker colour changing with reduction of wasting paint and cleaning solvent
- Better quality of coating due to a better mixed paint
- Mixing of the only product used without any waste
- Increase of productivity
- Quick ROI

S

### DISPLAY TOUCH SCREEN

simple menu to select recipes and set up functions

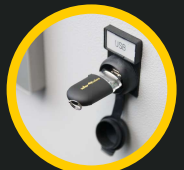
### SIMPLE & USER-FRIENDLY

only 4 buttons for the main functions (start, stop, flushing, change recipes) that guarantee a simple usage.



### USB PORT

quick and easy data transmission



### ETHERNET PORT

Wagner's news is not only the data transmission but also *teleservice* and *Screen Remote Monitoring*

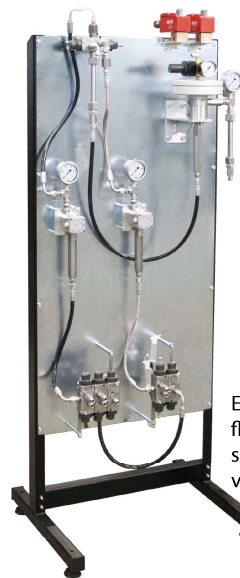


### Fluid panel

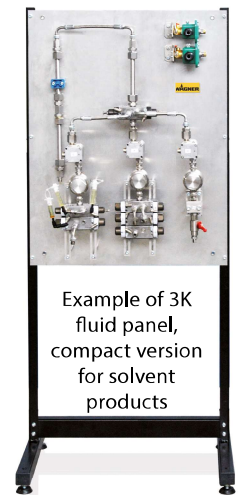
The open fluid panel guarantee an easy maintenance and it can be easily upgraded in a more complex system that is to say a new colour or hardener even after the installation of the system. Different versions are available (2K, 3K, 4K) for water based products and solvents

### Compact version

Wagner offers a new compact version, in addition to the standard one, aimed to reduce waste of paint and/or solvent and to avoid downtime. We recommend it when there are lot of colour changings.



Example of 2K fluid panel, standard version



Example of 3K fluid panel, compact version for solvent products

### APPLICATION AREAS

- Wood and MDF
- ACE & T
- Metalworking industry
- Plastic industry
- Automotive
- Marble industry
- Tanning industry



# Compact systems for high quality coating



An economic, simple and accurate system, suitable for manual application both on small areas with low consumptions but also for more important productions based on work shifts.

Colour changing system – through the feeding pump A, optimizes the reduction of wasting paint and time.

Different versions are available to satisfy every need: high or low pressure, ATEX certified or standard version, for water-based products or solvent.

## INTELLIMIX *touch compact*

INTELLIMIX touch compact is the plug and play solution ready to use: you have not to install it\*.

The entire system is assembled on a cart chassis, with control panel equipped with PLC Pro face, fluid section and feeding pumps of colour, flushing and hardener



Equipped with the Cobra 40-10 pump, the unit allows reducing the consumption up to 60% of solvent, paint and employee's work during colour changing and flushing operations.

\* If it's fully equipped with feeding pumps.

## INTELLIMIX *touch*

INTELLIMIX *touch* is the electronic mixing system, in 2K and 3K versions, suitable for applications where there are a lot of colour changes. We recommend it for the management of up to 7 different components.

It is ideal for Airspray applications (at low pressure) and Aircoat or Airless application (at high pressure).

Possibility to use different PLC that enables the complete control from the remote control to have a practical information exchange to optimize the entire process.



INTELLIMIX *touch*

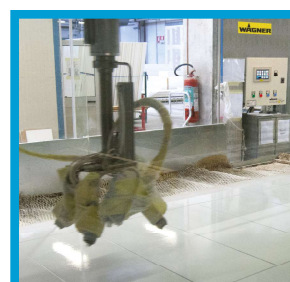
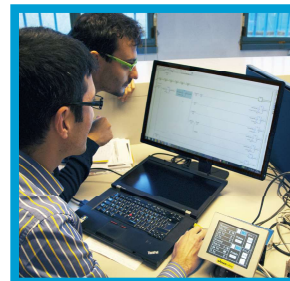
INTELLIMIX *touch plus*

## INNOVATION FOR BETTER RESULTS

## INTELLIMIX *touch plus*

INTELLIMIX *touch plus* is the electronic mixing system suitable for applications where you have to manage a large amount of components ready to use (up to 20 components)

It can be equipped with more components and has more productivity functions: the unit manages also 4k products, equipped with PLC and 5,7" touch screen that allow a better set up and management.



Units of family product Intellimix touch, due to a sophisticated algorithm, are able to manage precisely the injection valve in order to have a complete homogenization of mixed products even in critical working conditions (low flow rate and low percentage of mixing ratio) and to guarantee the correct mixing ratio even if conditions change.

# Flexibility in a unique solution

## INTELLIMIX *touch plus DFS*

We develop *INTELLIMIX Touch DFS* to satisfy customers' needs who want to manage at the same time different production cycles with the same control panel in order to have a simpler system and to reduce costs. In effect, this system has the same potentiality as two electronic mixing machines.

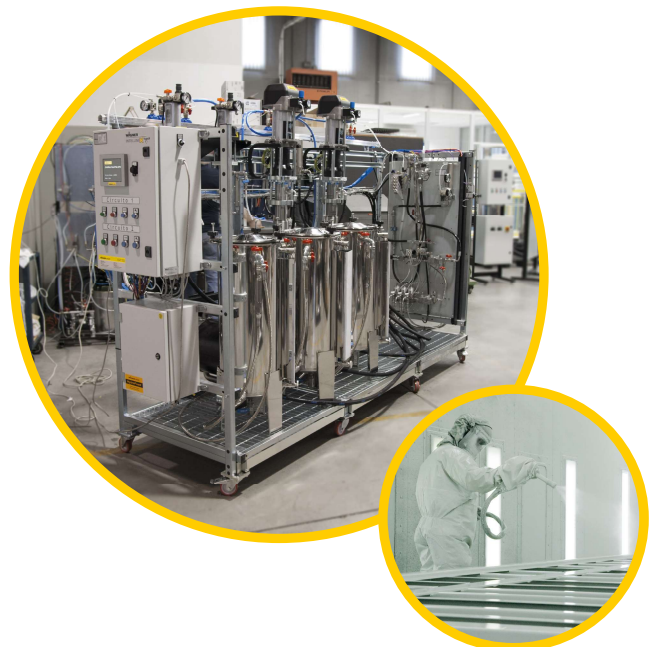
The big 5,7" touch screen allows to simply manage all the parameters of the 2 different production cycles.



Intellimix touch DFS is the perfect solution to manage 2 different fluid sections at the same time, using different products, even if they cannot normally be used together such as water and solvent or epoxy enamel and polyurethane.

It is equipped with an Ethernet port that enables the use of teleservice assistance, remote control, and quick data transmission.


*INTELLIMIX touch DFS* reduce time, product, and space waste, increasing the functions of the Intellimix touch product family.



# Technical data

INTELLIMIX touch series	touch compact	touch	touch plus	touch plus DFS
Mixing ration	0,1:1 - 50:1 (in volume)			
Accuracy	± 1%			
Product pressure	0,5 - 250 bar			
Inlet pressure	6 bar			
Flow rate	100 - 3000 cc/min			
Temperature	5 - 40° C			
Viscosity	20 - 10000 mPas			
Voltage	230 V, 50 Hz			
Max configuration	1A - 1B	fino a 4A - 3B - 1C	12A - 4B - 2C - 2D	14A - 4B - 2C - 2D
Flushing solvent	1	2A - 1B	2A - 1B	4A - 2B
Max nr. recipe	100	100	100	100 + 100

# Available configuration

INTELLIMIX touch family	touch compact	touch	touch plus	touch plus DFS
Dosing system 3K	○	s	s	s
Dosing system 4K	○	○	s	s
Atex version 	s	s	s	s
Robot Interface (clean contact or ethernet port)	s	s	s	s
Gun Flush Box connection	s	s	s fino a 2 GFB	s fino a 4 GFB*
Remote control (pneumatic)	s	s	s	s
Flushing air - solvent	s	s	s	s
Gun control	s	s	s	s
Kit independent feeding (2 guns)	○	○	s	s
Coloured Display Touch Screen 3,5"	I	I	○	○
Coloured Display Touch Screen 5,7"	○	s	I	I
USB port	I	I	I	I
Ethernet port	s	I	I	I
Frame	I	s	s	s

\* max 2 unit Gun Flush Box per circuit

s : option

○ : Not available

I : Available



## BENEFITS OF ETHERNET PORT

Wagner has been always be a cutting-edge business in electronic system of mixing and following this state of the art, with the Intellimix touch product family we introduce the Ethernet port in all our systems (on request for the touch compact version) in order to simplify the remote control.

■ **Screen Remote Monitoring** allows to visualize and to modify parameters of the unit and to control directly from the office all the working operation of the Intellimix units. It is available for IOS and Android.

■ **Teleservice** assistance allows the real time diagnosis of the problem, simply logging into customer's control panel by the remote control. It is an efficient and accurate support of our Wagner technicians that allows the reduction of costs and avoid possible downtime.



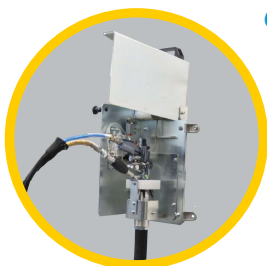
■ **Robot interface** allows information exchange with robots or other PLC in order to optimize processes.

## EXCLUSIVE COMPONENTS

We have a wide range of accessorizes that can be adapted to all products



**Pneumatic recipe selector** enables to manage through remote control the main functions of Wagner mixers even in potentially explosive situations.



**Gun Flush Box** enables the automatic cleaning of manual guns at the end of pot-life or at the end of work. It is the ideal solution if combined with TwinControl or other electronic mixers of Intellimix touch family.

## 2K SPECIAL SYSTEMS

Wagner develops dosing system of different sizes, 2k, 3k, 4k that can satisfy customers' specific needs: wood and MDF, metalworking, plastic and marble industry, automotive sector... all the sectors are satisfied!



*Mechanic 2K dosing system realised for the coating of anticorrosive products in the pipeline sector.*

Wagner S.p.A.  
wagner\_it\_va@wagner-group.com  
www.wagner-group.com