



PERFECT PROCESS CONTROL, FAST COLOUR CHANGE, EASY TO USE.

2K-UniMix II Senso

Electronic 2K proportioner



Our precision system 2K-UniMix II Senso offers to you the easy and comfortable entrance in the world of electronic metering and mixing of two component lacquers. By the use of different flowmeters and valves we can lay out the system for your nonstandard desires and requirements.

The system can be used also in low and high pressure application. It is also possible to use paints in a wide range of viscosity and in a flow rate of some millilitres up to some litres per minute.

Software

The unit is able to save up to 50 recipes. In each recipe, the number of the A- and the B-component, and also the mixing ratio and the pot life is saved. With the low pressure unit it is also possible to save the spraying, flushing an filling pressure (in combination with the electronic pressure regulation kit).

The system supervises the flow of the A-component and steers the hardener valve in that way that the saved mixing ratio in the actual recipe is reached. The function of the flowmeters is controlled to avoid malfunction. If the needed mixing ratio cannot be reached, the unit stops the material flow and gives an alarm. 10 rinsing programs with up to 20 free programmable steps are possible.

For regularly monitoring the system saves the last 100 alarms combined with date and time and also the consumption of every component. With the optional printer comfortable alarm and consumption protocols can be made.

The operation with a touch panel gives you a new comfort that was not reached in this price class so far. The hole System is based on icons to make it possible to use the system after only some minutes of learning. No unneeded buttons but only a graphical display that just shows you the actual needed functions makes the use of the system so easy.

Features

- Simple operation
- Universal application
- High precision
- Large process security
- Level control for 32 containers
- Calibration for 32 components
- Automatic pressure control
- Solvent consumption calculation



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Technical data

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Air inlet pressure:	6 - 8 bar
Material pressure:	0 - 250 bar (optional 400 bar)
Flow rate:	5 - 2000 ml/min
Working temperature:	10 - 70°C
Viscosity:	20 - 100.000 mm ² /s (depending on request)
Mixing ratio:	100,0 : 0,0 – 100,0 : 200,0
Mixing accuracy:	better 1%
Number of components:	32
Weight:	approx. 50 kg
Dimensions	height: 1.600 mm depth: 400 mm width: 640 mm
Special features:	stainless steel, explosion proved version (optional) printer connector parallel, remote control

Options

- Solvent air flushing of A component (paint)
- Metering units
- Automatic material pressure control (0 - 7 bar)
- Radio remote control
- Operator box non ex
- Operator box ex
- Printer kit
- Robot communication kit
- Optical, acoustical alarm unit
- Gun flush box
- Measuring of Coriolis mass flow rate of gases
- Control up to 4 outlets incl. control of gun flush box
- Network connection for remote service
- Interface for data transmission to master computer

Basic features

- PLC control with touch screen display
- 50 recipes
- Level control for up to 32 tanks (software)
- Connection for external alarm signal, gun flush box, operating mode
- Fluid valves for 1 paint, 1 hardener, 2 solvents, self supporting rack
- Stand variant
- Paint flow meter with 8.800 pulse/litre (flow meter type is coordinated with used material)
- Hardener flow meter with 8.800 pulse/litre (flow meter type is coordinated with used material)
- 10 rinsing programs with up to 20 free programmable steps are possible

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