

Equipment designed for the ratio control of proportions glue / hardener in continues . It is destined to be installed on existing automatic mixers of 2 or 3 components. It displays the ratio of the components and warns by visual or resonant alarm of the overtaking of the mini tolerances or maxi wished.

Conception / process

Measure of the flow of every component by electromagnetic, ultrasonic, mass, turbine or gears flowmeters. The choice of the flowmeters depends on the characteristics of the components to control. The flowmeters are installed between the pumps and the mixing unit.

The signals of the flowmeters correspond to the flow of glue and hardener that arrive to the mixer.

The display show the flow of every component and the ratio of the mixture.

The operator is informed by alarm (lamp flash or resonant signal) in case of incorrect ratio (overtaking of tolerances programmed)

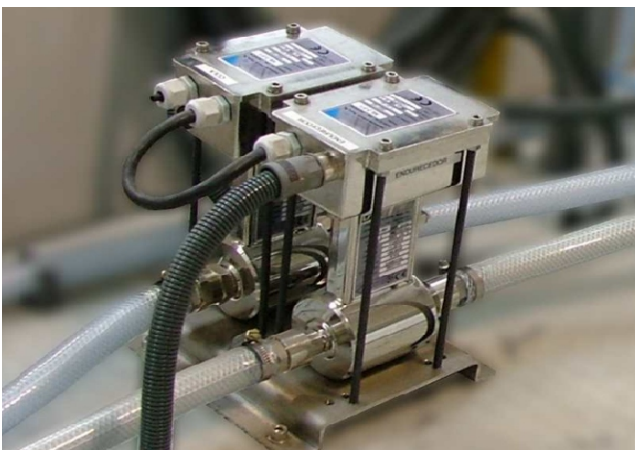
Technical data

Flowmeters : according to product (electromagnetic, mass, gears, palettes etc..)

Rustproof Construcción for the pieces in contact with the components

Electric Cabinet IP 55 Transformer integrated 24 V

PLC controler, display



Avantages

Accuracy and security of the sticky mixture.
The operator is immediately warned in case of overtaking of the ratio tolerances, by visual and resonant alarm,
Configuration of the alarm limits (2 alarms nivels flash light and resonance))
Information of the glue consumptions and hardener.
Possibility of calculation of glue amount (upper and lower), management of the containers.
Information of the flow of each product.
Printing option.

Possibilities of configuration

Tolerances for flashing light.

Tolerances for resonance alarm and automatic stop of the mixer.

Square for glue amount calculation.

Statistic period for glue amount calculation

