

Dissolving system for powder dyestuffs, model SCC ColorService

Reference: RF0054

Dissolving system for powder dyestuffs, model SCC

This technology has been developed thanks to a long experience in the automatic dissolution process.

This station can be coupled both to the TRS weighing system and to the manual weighing under PC control. In the TRS case it receives automatically the keg containing the recipe weighed.

A robot automatically collects the keg and introduces it into the dissolution tank.....



A special mechanism rotates the bucket inside the tank avoiding any dispersion of dye. The new recirculation method dissolves the dye under PC control to get the proper cycle according with the type of dye used (input of temperature, dissolution time, solubility conditions). The pump transfers the dissolved recipe to the users. The keg is then automatically washed and dried in a separate tank, the handling system returns it ready for a new weighing cycle. While the keg is being washed, the system processes the next recipe. Thanks to this engineering the system can manage contemporary n.4 operations (1-weighing of one recipe, 2-dissolution, 3-washing of the keg, 4-keg washed and dried ready for a new cycle). According with the number and type of machines to be served, there are different models available:

- SCC 35 lt, 1 dissolution tank for medium quantities (max.15 kg./cycle)
- SCC 50 lt, 1 dissolution tank for medium quantities (max.18 kg./cycle)
- SCC 2, double dissolution tank to serve big capacity or a considerable number of machines.

Dissolving system for small quantities, model J.I.T

This system has been designed to work with very low liquor ratios. It is recommended for small capacity machines or for additions in production. The system dissolves quantities from 1 gr to 3/4 kg of dye directly into the weighing keg, received automatically from the

TRS weighing system. This compact unit with high performance capabilities is both practical and versatile. The system is composed as follows:

- Robot for reception of the stainless steel dosing keg from the trolley of the TRS.
 - Mixing station with addition of hot or cold water.
 - Transferring pump to destinations (or to the distribution system).
 - Robot for washing and moving the dosing keg back to the trolley of the TRS.
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