

TECNORAMA PRESENTS EFFICIENT AUTOMATIC DYEING SYSTEM

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Italy based Tecnorama's fully-automatic machinery for dispensing liquid and solid dyestuffs and chemicals offers definitive efficiency by eliminating errors in dispensing and ensures considerable reduction in the number of dyeing steps. Its advantages include reduction in the labour dedicated to sampling and possibility of working during night or weekends.

"The patented Tecnorama multi-pipette dispensing system guarantees an accuracy of $\pm 0,01\text{cc}$ and the dyeing machines follow all the phases of bulk dyeing cycles starting from the preparation up to the final operations, such as neutralisation and the various washing processes. All this increases laboratory productivity and raises the percentage of right-first-time between the recipes developed in laboratory and the same repeated in bulk. Consequently, the re-dyeing and bulk corrections are reduced resulting in both economic and energy savings," said Lorenzo Marsiglio, Executive Sales Director, Tecnorama.



Tecnorama machines high dispensing accuracy and their possibility to develop recipes respecting the same operations of the dyeing bulk process, enables them to allow reaching a very high percentage of right-first-time, which cannot be absolutely achieved with traditional manual systems, he added.

Talking about the latest developments in the industry, Marsiglio said, "All the dyeing machine suppliers are directed to the further development of machines working with a low liquid ratio, which ensures an excellent dyeing result. We must be aware how it is necessary to safeguard and conserve a fundamental necessity like water. Tecnorama continuously develops new technologies and designs laboratory machines that respect low water consumption ensuring the reproducibility of the recipes with large bulk dyeing machines."

The company is currently designing a new dosing machine and planning an expansion of the wide range of dyeing machines for sample and small production. It will present its innovations at the ITMA Barcelona, to be held in June 2019.

