



DOSOR-X

实验室无管路滴料机

**Volumetric and Gravimetric Dispenser for the Textile
Laboratory with Multipipettes**

纺织厂实验室用无管路多计量头，
体积法和重量法称量染料



Fast and accuracy dispensing for improving the laboratory productivity
快速和准确的计量提高实验室工作效率。

DOSOR-X 实验室无管路滴料机



Dosor-X is a new laboratory equipment aimed at preparing dyestuff solutions, dispensing recipes and processing both user defined formula outputted by the I.C.S. Colormatching TopDye or by third-party color matching software.

Dosor-X performs volumetric and gravimetric dispensing with high dosage accuracy adopting a dispensing head equipped with a set of three high capacity syringes made in stainless steel.

The system is equipped with a washing unit, which deeply cleans the syringes removing any residuals at the end of the dosage process.



DOSOR-X是一台新型的实验室染料制备机器，所称量的配方可以是I.C.S.公司测色配色系统输出的，也可以是其他第三方配色系统输出的。

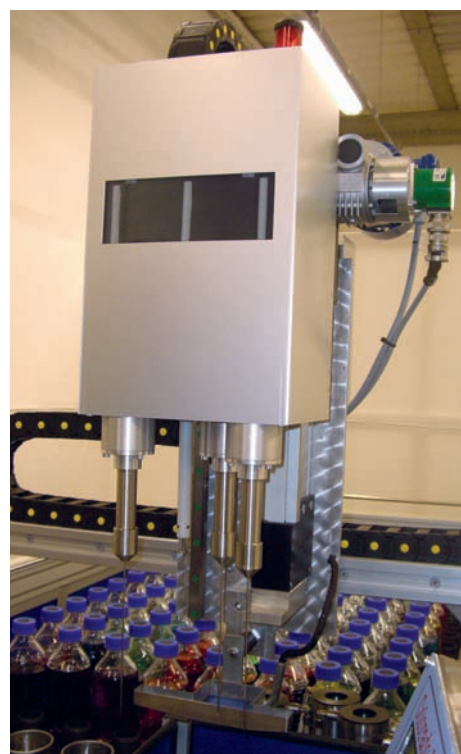
DOSOR-X具备高精度的体积法和重量法计量能力，完全是通过三只不锈钢注射器来完成的。

这台设备的清洗单元可以将移动过来的注射器清理得非常干净，不留残余物。



MAIN FEATURES

Bottle number:	40	80	120	160
Dimensions L (mm)	2050	2750	3750	4360
Dimensione D (mm)	1560			
Dimension H (mm)	2360			
Bottle volume:	Dyes and auxiliaries: 1000 cc			
Volumetric beakers:	15			
Gravimetric beakers:	9			
Syringes number:	1 - 2 - 3			
Syringes volume:	72 cc			
Scale load/precision:	8 Kg / 0,01 g			
Washing area:	On board			
Electro-valve number:	3 for hot and cold water dispensing			
Maximum recipes per cycle:	24			
Low-level electronic control:	PLC			
Certification:	C.E. complaint			
Air compressed:	6 atm			
Electric supply:	220 V stabilized mono-phase			
Power consumption (peak):	2 kW			





THREE SYRINGES FOR HIGH SPEED DISPENSING

Three rectified stainless steel syringes ensure high speed dispensing over a maximum set of 24 gravimetric and volumetric positions.

SYRINGES NOT AFFECTED BY DYE CONTAMINATION

Syringes are not left inside the dyestuff bottles and they don't need frequent maintenance.

POWDER AND LIQUID DYESTUFF SOLUTION MAKER

Semi-automatic procedure for the powder solution preparation (high concentration).

Automatic procedure for the liquid solution preparation (medium and low concentration)

DOSAGE ACCURACY AND SPEED

Dispensing accuracy of 0.027 g when utilising a scale with 0.01 g of resolution during volumetric dosage.

10 recipes are dispensed in less than 4 minutes in volumetric mode.

CONTINUOUS PAD BATCH (CPB) PREPARATION

The new function allows the user to prepare large volumes of batches with dyestuff at high concentration.

Firstly, dyestuff powder is manually dosed, then the dispensing is automatically refined by the system.



三只高速滴料的注射器

三只注射器可以对最多24个杯位的体积法和重量法计量进行高速校正。

注射器不会被污染

注射器不停留在染料瓶内部，因此不需要经常对它们进行维护保养。

高浓度染液的制备

半自动方法制备高浓度染液。

全自动方法制备液体染料（中等浓度和低浓度的染液）。

高精度和高速度的称量

当采用0.01克的天平使用体积法计量时，其精度可达到0.027克。10个配方的称量速度低于4分钟。

连续染色工艺染料的制备

一个新的功能可以让使用者来制备大体积高浓度的染液。

首先，用手工称量粉状染料，然后系统会自动精准地来配置。





MAIN ADVANTAGES

Improvement of the company profitability. Up to 25%.

Errors made by the user are completely avoided.

Minimum installation and training costs.



主要优势

至少提高企业效益的25%。

完全避免人工误差。

最低的安装和培训成本。



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