



# SUPREMA

**COLORMIX**   
DOSING SYSTEM

**I-Tech automatic dosing system that can create any type of coloured product with extreme precision and rapidity.**

Fast solution that can ensure a precise dose of liquid such as inks, paints or varnishes to obtain any coloured product.

Ideal to prepare large quantities of coloured products in a very short time.

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## Double Weighing System

There is the possibility to provide the system with two or more precision weighing scale with capacity from 34 to 3000 Kg to ensure maximum precision on small, medium and large balancing.

## Multi Dosing Head

If the raw materials that need to be managed are more than the maximum number allowed by the dosing head, there is the possibility to realize a multi-head dosing system, managed by the software, that will be able to divide the preparation of the formula on two stations.

The **SUPREMA** has been developed to dispense products with the gravimetric principle to ensure total precision and repeatability in every lot.

It can be configured both for water-based and solvent-based products and the dosed liquid can then be dispensed in flexible quantities within different types of containers.

<b>Valves</b>	Up to 72 Triple Opening: 40/8/1mm or 20/8/1mm Double Opening: 16/2						
<b>Weighing scale</b>	34Kg	64Kg	150Kg	300Kg	600Kg	1500Kg	3000Kg
<b>Maximum accuracy</b>	0,1g	0,2g	1g	2g	5g	Multi interval	Multi interval
<b>Recycling system</b>	Included						
<b>Mixing system</b>	Agitator						
<b>Final container</b>	Bin, drum or tank						
<b>Pump type</b>	Electric peristaltic pumps or pneumatic double diaphragm pumps						





## ***Dosing Head***

Characterized by its linear movement, it provides speed and accuracy, minimizing the maintenance need and maximizing the parts' life.

## ***Dosing valves***

Double or triple opening with quick closing system:

- calibrated springs
- pneumatic system

## ***Pumps System***

Different types of high performance pumps suitable both for water-based and solvent-based product. Electric peristaltic pumps or pneumatic double diaphragm pumps according to the chemical compatibility with the liquid product.



## ***External Storage Tank***

Configurable by type and size according to specific needs. The final configuration will be an industrial plant adaptable to the specific requirements.




# ***i-Tech***

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## ***Innovative Technology***

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