

MINIPLANT

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 produce a consistent and accurate number of production lots in a very short time.

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The **MINIPLANT** 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.

Double Weighing System

There is the possibility to provide the system with two or more precision weighing scale with capacity from 32 to 64Kg 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.

Valves	Up to 24 Double Opening: 16/2mm Double Opening: 11/1mm	
Weighing scale	32Kg max	64Kg max
Maximum accuracy	0,1g	0,2g
Recycling system	Included	
Mixing system	Agitator	
Final container	Can or tin	
Pump type	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 opening with quick closing system:

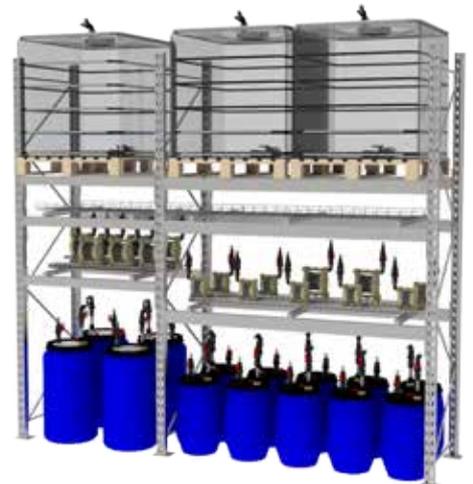
- calibrated springs
- pneumatic system

Pumps System

High performance pneumatic double diaphragm pumps made in different materials 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.



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