



P32 / 48 / 72 / 96

The Inkmaker "P Series" are automatic dispensing systems, conceptualised to offer solutions for users with moderate to high output requirements.

Thanks to their patented centre point dispensing, they can dispense into containers of any size.

Fully automatic and **easy to operate**, they require minimal input

The operator can produce the required formulas in few simple steps and with **perfect accuracy**

The **P32** can accommodate a maximum of 32 x DN18 or DN28 high precision, multi stage dispensing valves.

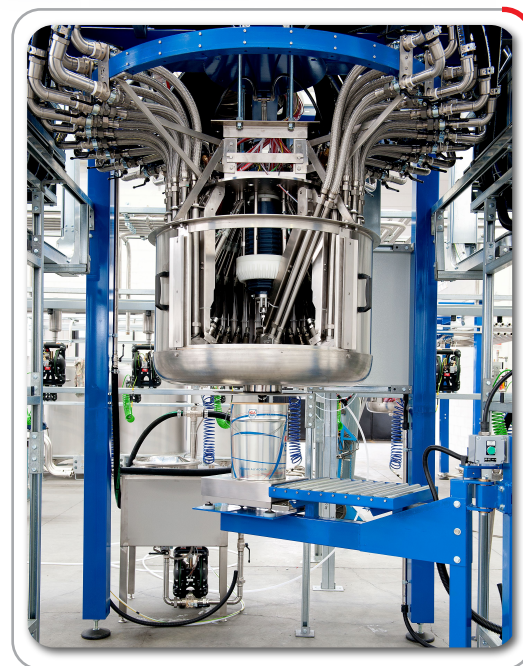
The **P48** can accommodate a maximum of 48 x DN32 or 24 x DN50 high precision, multi stage dispensing valves.

The **P72** can accommodate a maximum of 72 x DN32 or 36 x DN50 high precision, multi stage dispensing valves.

The **P96** can accommodate a maximum of 96 x DN32 or 48 x DN50 high precision, multi stage dispensing valves.

The number of valves mounted on each equipment will be **based on the actual customer's requirements**

Valves are individually activated through a pneumatic cylinder, without rotating mechanical parts or motors, making **the system easy to operate**



TECHNICAL DATA

Components	P32 > Up to 32 (DN18/DN28)
	P48 > Up to 48 (DN32) or 24 (DN50)
	P72 > Up to 72 (DN32) or 36 (DN50)
	P96 > Up to 96 (DN32) or 48 (DN50)

Dispensing Valve's Size **DN18 - DN28 - DN32 - DN50**

Dispensing Accuracy **1 g (0.1 g upon request)**

Average Dispensing Time <small>*based on a formula with 4 components 1g accuracy DN28/DN32 valves</small>	3 - 5 min for a 5 Kg batch <small>@ 0.1 g accuracy (EG: for Pre-QC operations)</small>
	3 min for a 20 Kg batch
	12 - 15 min for a 200 Kg batch
	15 - 20 min for a 500 Kg batch
	25 - 30 min for a 1000 Kg batch



The systems can handle both **water based as well as solvent-based products** (EX - ATEX or IEC-EX - version)

The systems are operated through a computer using **Ink maker software**.

Scale tare is **automatically set by the computer**.

A weigh summary sheet is printed for each batch **showing the exact batch information**.

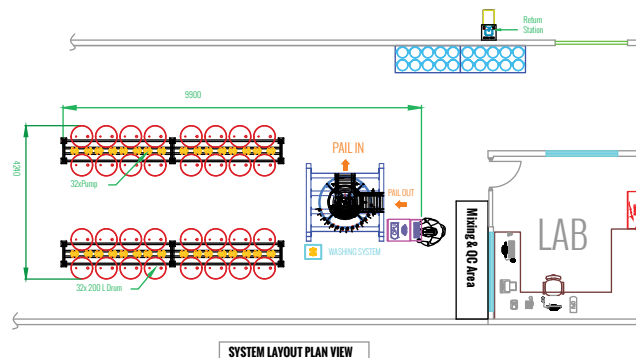
The user can display or print several reports, including: dispensed formulas, job costing, production history, stock availability, etc.

Production traceability is simplified with the use of a bar-code system c/w bar-code reader and bar-code label printer

Pneumatic pumps deliver the base components to the dispensing head

Components **can be stocked in 200 L drums** or in other type of containers of different size and capacity

Systems are configured **according to the available space** and for **the required production volumes**



Conceptual Layout
For illustration purposes only.
Actual layout might differ.

ADVANTAGES

Extremely easy to operate with user friendly interface which can be linked with the most common ERP and MRP programmes

Easy interface with any brand of spectrophotometer

Consistent formula reproduction insuring correct product repeatability

Compact valves' arrangement; it can dispense into very small containers

Production of the right quantity whenever needed

Dispensing parameter self-adjustment ensures optimal accuracy

Major stock reduction and rationalisation

Seamless stock management with stock information, graphic components' stock display, stock auditing and batch cost evaluation

Optimized recycle-management

Elimination of wastage

Complete tracking of operation and ISO compliance traceability

Password protected formula database and automatic back-up to prevent data loss

On demand reports on production statistics with over 100 reports for KPI assessment

Production planning

Easy maintenance

Increased free space in the factory

Improved workplace cleanliness, tidiness and safety