

**TECHNICAL DATA**

Components	Up to 20
Dispensing valves' size	DN18
Dispensing Accuracy	0.1 g
Scale platform capacity	6, 15 kg
Average Dispensing Time	3 min for a 1 Kg batch <i>*based on a formula with 4 components</i>
Viscosity Range	Up to 100,000 cP

# NANO PASTE

Dispensing system for high viscosity products

The Nano Paste is a new offset ink dispensing system designed for printers who need to produce their spot colours fast and efficiently.



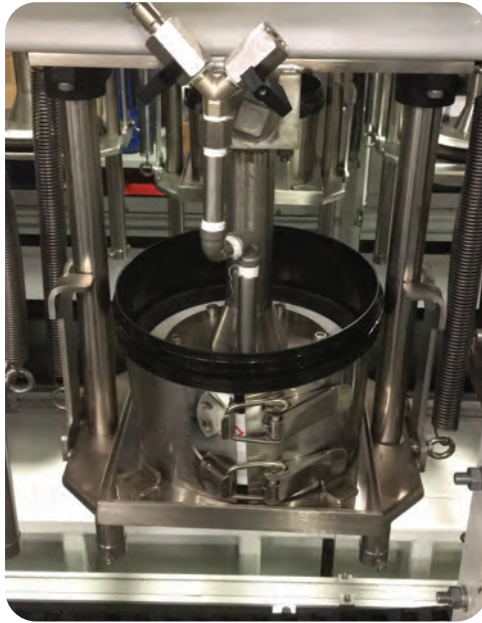
The Nano Paste is ergonomically and safely designed; all operations are performed from a single position in front of the dispenser.

Containers of different sizes can be used for the dispensing operations, as the scale is mounted on a platform which is adjustable in height.

The Nano Paste can accommodate up to 20 base colours, conveniently stocked in their original 2.5 Kg cans, which is a standard size used by all major ink manufacturers.

The 20 base colours are placed facing each other along two rows. The measuring scale, mounted on a sliding mechanism, moves and stops in front of the required component, which is dosed into the receiving container through a high accuracy dispensing nozzle which can achieve a precision of up to  $\pm 0.1$  g.

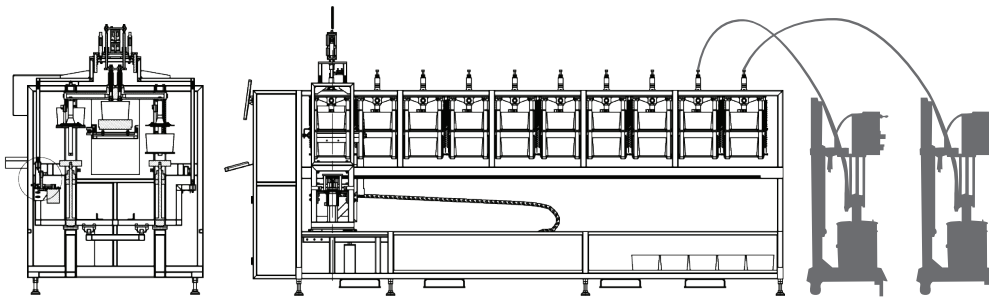




Once mounted on the Nano Paste, all base colours' cans will remain sealed thanks to dedicated follower press-plates, which will prevent air and dirt from contaminating the inks.



Whenever empty, the cans can be replaced in a matter of minutes.



Maintenance of the Nano Paste is kept to a minimum thanks to its user-friendly construction and the use of sustainable materials.

The Nano Paste is very affordable in comparison to other offset dispensing systems as it makes no use of expensive external press-plate pumps.

*external press-plate pumps can be added if required*

However, if required press-plate pumps can be added to handle high-runner inks

The Nano Paste works by compressed air and it has an extremely limited footprint.



**for super clean  
& save ink  
mixing**

**\*SK550  
Shaker**

## ADVANTAGES

- Time savings*
- Reduced costs*
- Fast return on investment*
- Exclusive pneumatic control*
- 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*
- Single point dispensing; it can dispense into containers of any size*
- 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*
- Suitable also for UV inks*