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

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 ±0.1 g.
Dispensing system for high viscosity products

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.

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.

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