

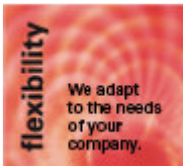


Tinting Insights



**Speedy+reliable+low service requirement
+sound ergonomics+RNC+IPS/IPR:**

Every operator's favourite!



Dear customer,

We are pleased to introduce you to our revolutionary new dispensing system: the Harbil Parallel Dispenser (HP500).



The HP500 combines the speed of simultaneous dispensing with the reliability of our Harbil dispensers. Add to this a low service requirement and sound ergonomics, and you have the perfect dispenser for environments in which quality is the basic principle but simultaneous metering is a requirement. What does the HP500 have to offer you? In this newsletter we give you a brief impression of the three most conspicuous properties of the HP500.



If you would like to know more about the possibilities of the HP500 within your organisation, please contact one of our sales managers for a presentation and/or demonstration.



Is this picture familiar to you? With the RNC (Rotating Nozzle Closure) you prevent mistints and nozzle problems.



With current simultaneous dispensers the nozzles often produce problems. Examples of this are contamination (intermixing of colorants) and drying of colorants. Only intensive and frequent cleaning can prevent these problems. Such cleaning is a difficult and time-consuming task for the operator.

For the HP500 we have developed a unique system: **Rotary Nozzle Closure (RNC)**.

Operation: immediately after dispensing, all nozzles are closed with an airtight seal by a metal plate. This plate is then cleaned automatically with a brush and cleaning fluid.

Result: no residue left to dry. The only maintenance that the operator has to perform is refilling the fluid in the brush tray.

Conclusion: No loss of time and no mistints due to contamination.

Lowest Total Cost of Ownership *Reliable, proven technology*

Contrary to the turntable dispenser, all pump canister modules of the HP 500 are mounted statically in the frame. Each module consists of the following elements:

- a canister
- a piston pump
- the Blendorama disk valve
- 2 motors
- a PCB

All these components have proven reliability. Each pump is individually driven, as a result of which the HP500 can dispense simultaneously through four channels with great accuracy.

This makes the HP500 one of the very fastest dispensers in the market. A major advantage of the modular construction is that modules can be replaced individually. If a fault occurs in a module, the machine can simply continue in operation.



Your colorants always in optimum condition

With IPR and IPS

The HP500 has been specially developed to be capable of operating with all types of colorants. Each colorant has unique properties and the HP is therefore equipped with two innovative systems:

1. **IPS:** Individually Programmable Stirring
2. **IPR:**Individually Programmable Recirculation

What are the benefits of IPS?

With this function you can set the stirring frequency and duration individually for each colorant. This prevents sedimentation in the canister. Where required by the paste, IPS enables you to limit stirring.

What can IPR mean for you?

In order to prevent sedimentation in the hoses the HP500 provides the possibility of applying recirculation. As this is not always necessary or desirable, you can configure the number of recirculation lines and the settings individually.

Every operator's favourite

Optimum ergonomics

In addition to all the above-mentioned benefits of the HP500, which already make the operator's life a lot easier, we have endeavoured to achieve a design that provides optimum ergonomics for the operator.

This provides the operator with: good refilling height and all requisites within reach (keyboard, screen, label printer).