



HERO

INNOVATIVE **COLOR** TECHNOLOGY

- EUREKA •
A400/A450
Automatic colorant dispenser



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A400/A450

Incorporates HERO's new patented Progressive Cavity Pump (PCP) dispensing technology. This new, innovative and revolutionary pump design allows HERO to offer the first truly low maintenance automatic colorant dispenser resulting in the lowest cost of ownership on the market today. For a further reduction of its cost of ownership, Eureka is calibration-free.

The PCP is calibrated once at the factory and then calibration is not required again. PCP technology, thanks to its reversibility, solves also the problem of the drying of the colorants on the nozzles, each dosage ends with a small rotation backward of the pump sniffing-back the colorant inside the nozzles. This in addition to the automatic humidifier cap reduces to the minimum the contact with the air.

Eureka is the innovative automatic dispenser, studied by HERO on the needs of a Medium Paint Store, to tint medium volumes of paint in cans of any size. Eureka adopts the revolutionary dosing principle of the "Progressing Cavities Pumps" recently introduced with Archimede. In addition with Eureka HERO is launching the innovative system of the cartridge pump which allows for a quick, clean and simple substitution of the pumps. For a higher productivity Eureka is available in simultaneous dispensing version too.

Eureka also offers precision unmatched by its rivals. This unit will dispense down to 1/1000 of a fluid ounce (0,03 ml)! It also operates within a +/-1% error on average dispenses. Yes this unit is so precise it can be used to tint sample color testers!





● ● ● **ADVANTAGES:**

- The best precision and repeatability in the market
- High reliability and durability
- Simultaneous dispensing
- Unbeatable ergonomics and ease of use
- Affordable price

● ● ● **PROBLEMS SOLVED:**

- Dosing of difficult products, including metallic pigments and pearlescent colorants
- Drying of the colorants on the dosing point
- Difficult re-filling of the colorants
- Durability of the pumps
- Need for calibration and re-calibration

● ● ● **ERGONOMICS AND EASE OF USE:**

- New cartridge pumps for a quick and clean substitution of the pumps
- Low re-filling height (less than 1100 mm)
- Free desk at less than 1150 mm of height
- Sliding shelf for keyboard, LCD screen, PC and accessories



● ● ● Standard equipment

Dosing System:	A400 - Continuous consecutive dispense A450 - Simultaneous dispense
Number of circuits:	Up to 16 or 24
Dosing principle:	Dosing Pumps with progressing cavities, they can play the double role of moving a volume with precision (typical of a volumetric pump) and retain a liquid (typical of a valve). Thanks to its reversibility these pumps solve the problem of the drying of the colorants on the nozzles, sniffing-back them inside the nozzles after each dosage
Compatibility:	Water-based products
Canister content:	4 x 5 liters, 12 x 3 liters (16) 6 x 5 liters, 18 x 3 liters (24)
Max flow rate:	0,3 l/min (*)
Average precision:	+/- 1% (*)
Minimum dosing quantity:	1/1000 fl. oz. (0,03 cc) (*)
Capping system:	Automatic
Can presence:	Photocell
Can handling:	Automatic shelf
Max dimensions:	l 950 x d 750 x h 1150 mm (16) l 1320 x d 750 x h 1150 mm (24)
Weight:	180 Kg (16) 250 Kg (24)
Power supply:	230 V (+/- 10%), 50 Hz, 16 A, mono-phase + ground 115 V (+/- 10%), 60 Hz, 32 A, mono-phase + ground

Options: Laser aiming system

(*) Data influenced by the viscosity of the colorants

● ● ● Software features

TintWise_LAB: Laboratory and technical service software for the preparation and up-dating of the database of the formulas. It is a precious instrument for our Customers' Laboratory and Service teams, in order to run independently the following activities: preparation and up-dating of the databases of formulas, setting of the machine parameters, setting of the level of accesses to the software (Paint Manufacturer – Owner of the Point-of-sales – Machine Operator).

TintWise_POS: All of our automatic dispensers come complete with HERO's latest version of TintWise™ dispense and machine utilities software. This state of the art Windows XP color formula software is specifically designed for point-of-sale custom color dispensing. It performs a large list of functions including: product look up, can-size specification, user security, label printing, color database management, custom formula generation. The utilities area also offers simple to use machine calibration, colorant level visualization, and settings for warning levels for re-filling, agitation, service intervals, and purging. This software is also compatible with most common brands of spectrophotometer and color matching software so you can operate your dispenser seamlessly with these programs. A bar code reader can also be interfaced if required. The user interface can be customized with the Company logo.