



# HERO

INNOVATIVE COLOR TECHNOLOGY

A450 & A550 • EUREKA •  
Automatic Colorant Dispensers



## A450 & A550 • EUREKA •

The Eureka 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. In fact, we believe it offers the lowest total cost of ownership available on the market today. The Eureka incorporates this PCP technology in its unique cartridge design pump which allows for quick, clean and simple replacement. In addition, the Eureka will further reduce your yearly maintenance cost as it does not suffer calibration drift like other competing technologies.

HERO has also dealt with the problem of colorants drying in the nozzles thanks to the Eureka's ability to reverse the flow of colorant through the pump. This unique feature is referred to as draw back, and occurs at the end of each dispense. The pump reverses rotation and draws back the colorant inside the nozzles. This minimizes contact of colorant with air, thereby reducing colorant drying. The unit is equipped with an automatic humidified nozzle capper which also helps to keep the nozzles moist.

The Eureka is an innovative automatic dispenser designed to meet the needs of a medium volume paint retailer. It can simultaneously dispense up to 4 colorants. That's approximately 40 ounces per minute for the A450 and up to 80 ounces per minute for the A550! Furthermore, the Eureka also offers remarkable precision with a +/- 1% error on average dispenses.

Yes, this unit is so precise it can be used to tint 8 oz sample color testers!





## • ADVANTAGES

- Unbeatable precision and productivity (better than a gear pump system)
- Unmatched durability and low maintenance cost (Similar to a piston pump system)
- Simple to repair, a complete dispense pump can be replaced in less than five minutes without the need for special tools or training
- Reduced calibration drift - HERO's low pressure pump design dramatically reduces calibration drift and pump wear. This results in longer part life expectancy, increased accuracy and no need for regularly scheduled calibration service calls
- Simple to use, unbeatable quality/price ratio
- Simultaneous dispense of up to 4 colorants
- New cartridge style pumps offer a quick and clean replacement
- Dual channel dispense - double up on popular colorants to dispense from 2 canisters simultaneously

## • BENEFITS

- Low maintenance and service costs
- Capable of dispensing difficult products
- No VOC colorant compatible. Colorants won't dry in the nozzles
- Much improved durability and pump life compared to gear drive units

## • ERGONOMICS & EASE OF USE

- Top is ideal height for use as a desk for computer, height is 45.25" (115cm)
- Sliding shelf for computer, keyboard, LCD screen and accessories
- Low refill height 37" (94 cm) ideal for staff of any height
- Space saving ergonomic design



## ● ● ● TECHNICAL FEATURES

Dispense System	● A450 - Simultaneous dispense A550 - Hi Flow Simultaneous dispense
Number of circuits	● Up to 16 in standard fram or up to 24 in large format frame
Dispense technology	● Progressive Cavity Pump (PCP). This technology eliminates the need for valves while offering a level of precision unmatched by other volumetric dispensers
Compatibility	● Water-based or Universal Colorants
Canister capacity	● 12 circuit - 8 x 3.7 quart (3.5L) + 4 x 5.1 quart (4.8L) 16 circuit - 12 x 3.7 quart (3.5L) + 4 x 5.1 quart (4.8L) 24 circuit - 18 x 3.7 quart (3.5L) + 6 x 5.1 quart (4.8L)
Max flow rate	● A450 - up to 4 colorants simultaneously at up to 40 ounces(1.2L)per minute A550 - up to 4 colorants simultaneously at up to 80 ounces(2.4L)per minute Dispense speeds are colorant dependent.
Average precision	● +/-1%
Capping system	● Automatic humidified dispense nozzle capper
Bung Hole locator	● Laser cross hair
Can handling	● Automatic can shelf
Max dimensions	● up to 16 canister - 49"(137cm) H x 36.5"(93 cm) W x 32.5 (82.5cm) D up to 24 canister - 50"(127 cm) H x 52"(132 cm) W x 32.5 (82.5cm) D
Shipping dimension	● up to 16 canister - 54"(124.5cm) H x 39"(99cm) W x 35"(89cm) D - 569 lbs (258kg) up to 24 canister - 60"(152.5cm) H x 58"(147cm) W x 38"(96.5cm) D - 780 lbs (355Kg)
Power supply	● 220 Volt 50 Hz. 6 A. self adjusting power supply 110 Volt 60 Hz. 12 A. self adjusting power supply
Options	● Dell Computer package Bar code reader Label printer Solvent based colorant upgrade On demand sample capability Dual channel dispense

## ● ● ● SOFTWARE FEATURES

**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® 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, and custom formula generation. The utilities area also offers simple to use machine calibration, colorant level visualization and warning level settings 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. In addition, the user interface can be customized with your Company logo.

**TintWise\_LAB:** This is precision laboratory software specially designed for lab technicians and service teams to facilitate database development, preparation and formula book updating.



- HEAD OFFICE: HERO Products Group - I.C.T.C. Holdings Corporation
- 720 Eaton Way, Delta, B.C., Canada V3M 6J9
- TOLL FREE (800) 494-4376 (US & Cda) • TOLL FREE FAX (866) 778-3323 (US & Cda)
- TEL: (604) 522-6543 • FAX: (604) 522-8735
- sales@hero.ca • www.hero.ca