



HERO

INNOVATIVE **COLOR** TECHNOLOGY

- PITAGORA •
AS100
Automatic dispenser with integrated shaker



• • • PITAGORA •
AS100

The Pitagora AS100 is the most innovative addition to the HERO's range of products. By integrating a dispenser and a shaker within the same machine, the AS100 is the best solution for any small store with limited space. Pitagora's unique selling proposition is the result of combining the small, precise and calibration-free Archimede A100 dispenser with the ergonomic, time-saving Keplero S400 shaker.

The Pitagora AS100 is an all-in-one efficient machine, ideally suited to the requirements of small DIY stores. Definitely one of a kind on the market.





- Space saving
- High accuracy dispensing
- Calibration-free and low maintenance
- Colorants do not dry on the nozzles
- Low maintenance required
- Option to load in the shaker more than one small can/pail at once
- 3 different clamping powers according to the type of can/pail
- Front roller and lower positioning of the loading shelf for easier handling of heavier cans/pails
- Transparent door equipped with safety lock
- New design to compliment the range of HERO dispensers

Technical features

DISPENSER

Dosing system:	Continuous consecutive dispense
Number of circuits:	Up to 16
Dosing principle:	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 and Universal or Solvent-based colorants
Canister content:	2 litres
Max flow rate:	0,2 l/min (*)
Average precision:	+/-1% (*)
Minimum dosing quantity:	1/1000 fl. oz. (0,03 cc) (*)
Capping system:	Automatic humidifier cap
Can handling:	Manually repositionable shelf
Minimum can height:	No limitations
Maximum can height:	400 mm

(*) data influenced by the viscosity of the colorants

SHAKER

Maximum size of the can/pail:	Diameter = 360 mm Height = 400 mm
Minimum height of the can:	70 mm
Maximum loading capacity:	35 kg
Can clamping:	Automatic
Door/shutter:	Transparent door
Emergency switch:	Provided
Door safety lock:	Provided
Timer:	Provided
Main motor:	Single-phase electric motor (0,9 kW - 2 poles - 230 Vac - 50 Hz)
Shaking speed:	630 rpm
Maximum noise level:	< 65 dB, measured in accordance with DIN 45.635 (the noise level refers to the unloaded-working of the machine)

Dimensions:	W 702 mm x D 703 mm x H 1612 mm
Shipping dimensions:	W 760 mm x D 780 mm x H 1787 mm
Weight:	250 kg
Gross weight:	280 kg
Power supply:	230 V (+/- 10%), 50 Hz, 16 A, monophase + ground 110 V (+/- 10%), 60 Hz, 32 A, monophase + ground
Protection level:	IP 00

TintWise_POS: All of our automatic dispensers come complete with the HERO's latest version of TintWise POS™ formulation and machine management software. This "state of the art" Windows XP, Vista and 7 software is specifically designed to improve the colour service in the point of sale. It performs a large list of functions including: can-size specification, user security, label printing, color database management and custom formula generation. The utilities area offers simple to use machine calibration, colorant level visualization and settings for warning levels, canister filing and agitation, purging and ordinary maintenance management. This software is compatible with the most common brands of spectrophotometers and color matching software. A bar code reader can also be interfaced if required. In addition, the software background can be customized with your Company logo.

TintWise_LAB: This is laboratory software is specifically designed for the preparation and the updating of the formulation database. It is a useful tool to independently manage the conversion and importing of external archive data in the TintWise POS™ format.