

SANTINT

AH1000

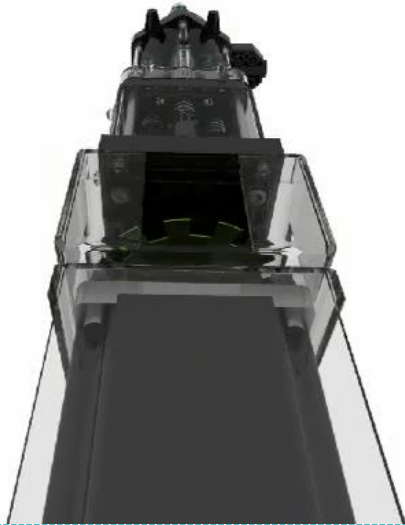
Innovation Meets Precision

- Revolutionary piston pump – P6 pump
- Simultaneous dispenser integrated with high accuracy and high efficiency
- Accuracy Innovation

Net Efficiency 1000ml/minX5

Minimum Shot 1/1024Y





P6 Pump-Click to Play

Revolutionary Innovation – P6 pump

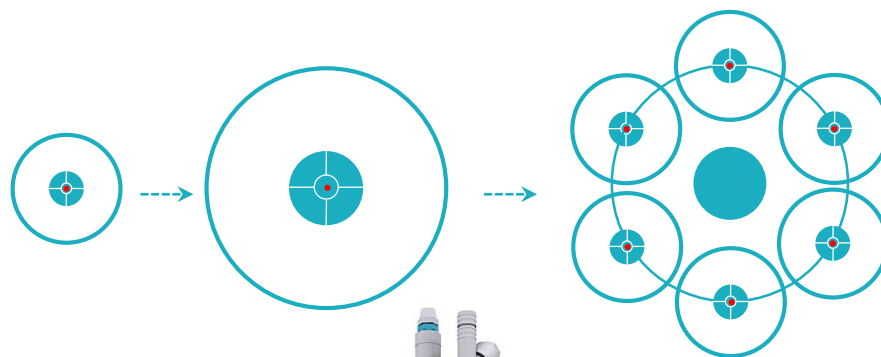
- **Net Accuracy** : 1000ml/minX5
- **Minimum Shot** : 1/1024Y (Yellow Oxide Included)
- **Durability** : Yellow Oxide>10000L ;

Others>20000L.

Parameters

Item	Details	Item	Details
Dispensing Type	Simultaneous	NO. of Canisters	Up to 32*
Efficiency	1000ml/minX5	Canister Size	6L/12L/22L
Minimum Shot	1/1024Y	Canister Material	POM/Stainless Steel
Timed Recirculation	Once in Four Hours*	Stirring Speed	20 rpm*
Automatic Puncher	Optional	Heating Module	Optional
Power	400W	Power Supply	220/110V 50/60HZ
Weight	440 kg	Dimension	1688×1195×1310 mm

- Note 1: external canisters are available for customization.
- Note 2: time intervals for timed stirring and timed recirculation are available for customization.



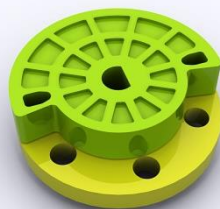
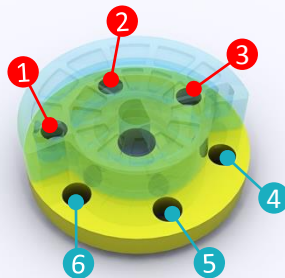
Traditional Mode

Innovative Mode



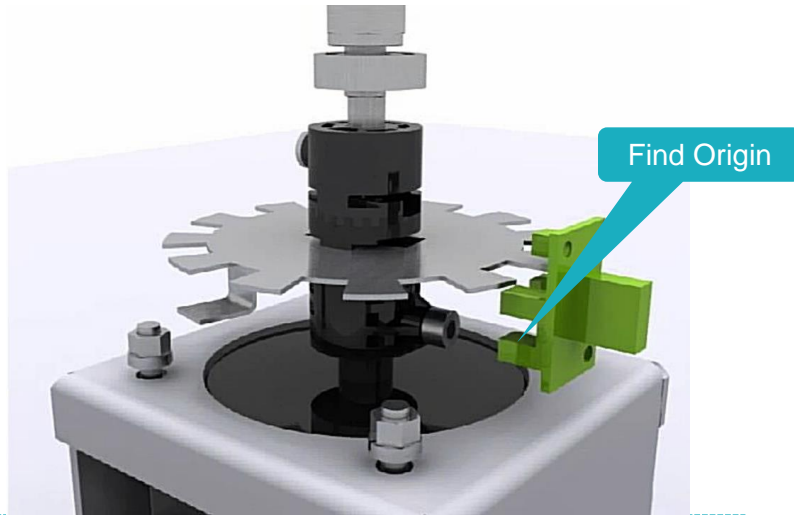
P6 Pump: revolutionary breakthrough of net efficiency and minimum shot

- Traditionally, piston pump is enlarged to improve the efficiency. Sequentially, the accuracy is sacrificed. Efficiency or accuracy, never the both.
- P6 pump creatively changes the thick pump into 6 thin pumps and keeps them running consecutively to ensure the efficiency as well as the accuracy.



Innovative integrated pump and valve

- P6 is integrated with selector valve. 6 holes in the fixed lower part connect with the 6 pumps. Upper ceramic part rotates to cover 3 holes (4/5/6) in lower part. The other 3 holes (1/2/3) are uncovered. Covered holes pumps in colorants from canister. Uncovered holes pumps out colorants to cavity for dispensing at the nozzle.
- Ceramic valve, accurate and durable.

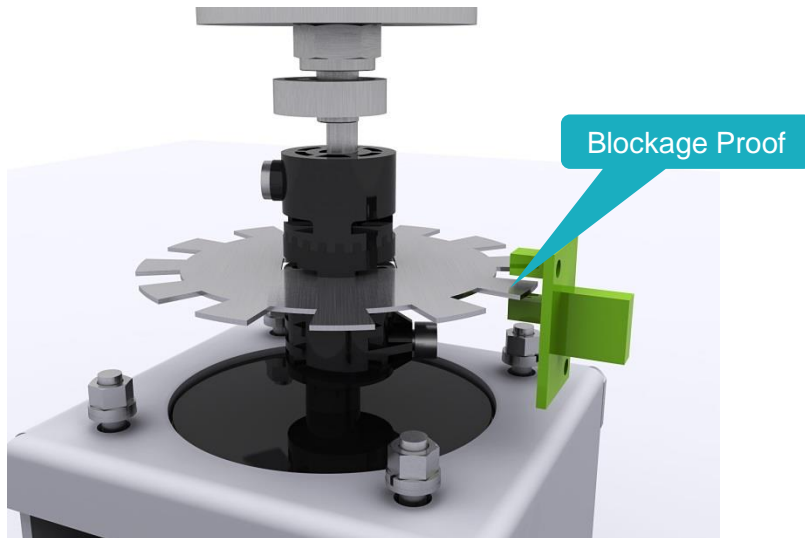


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Self-calibrated P6 Pump

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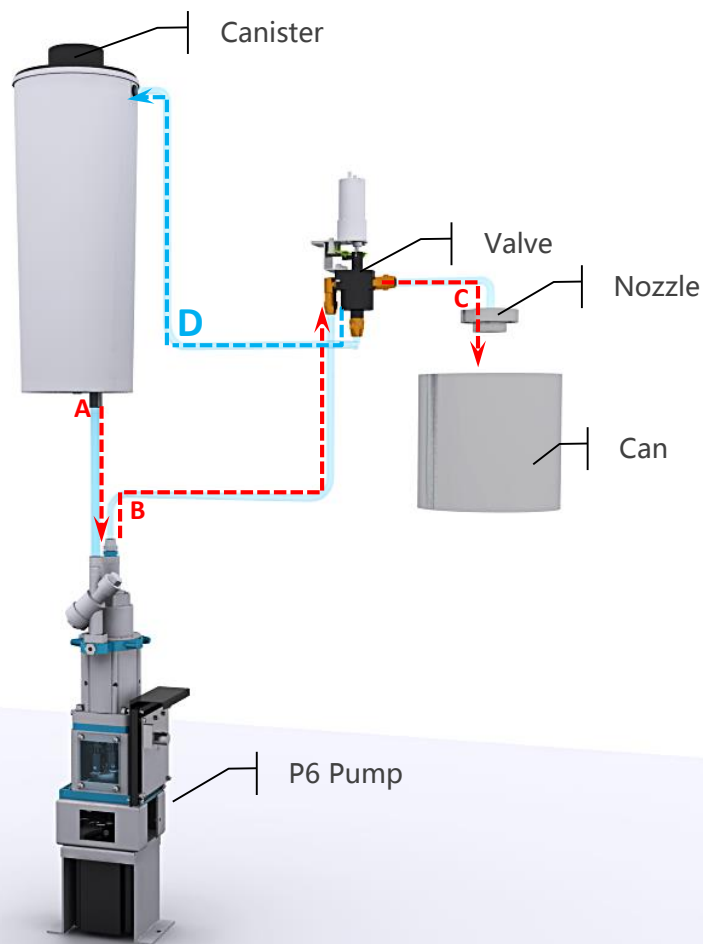
- P6 pump finds the origin position before any operation. The error and abrasion are calibrated to ensure the consistency and the stability of the accuracy.
- Self-calibration is available to the P6 pump to realize the calibration-free function and save great cost (500 – 1000 USD per year) for calibration.



Blockage Proof Device

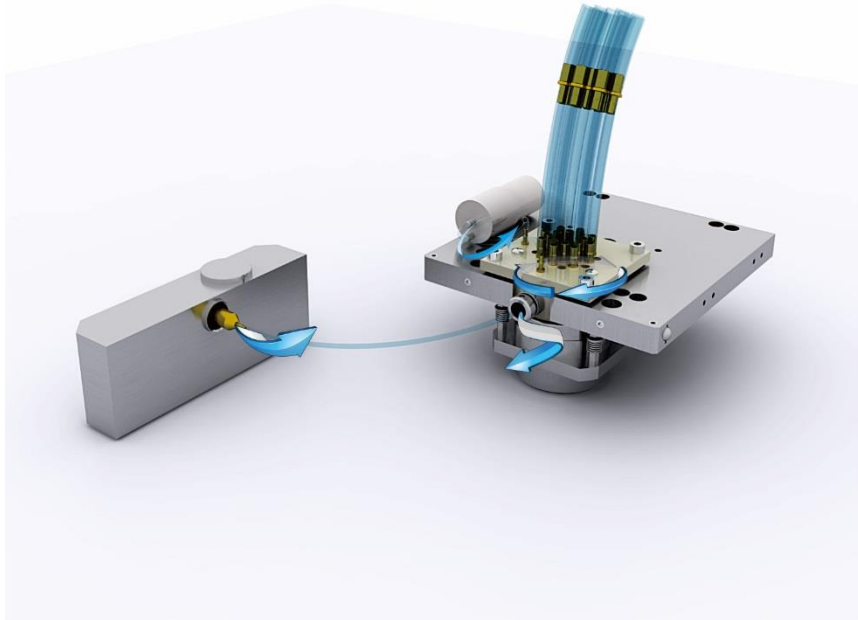
Zero Blockage, Zero Tube Explosion

- Optical coupler monitors sensing film while P6 operates. P6 stops if sensing film stopped, meanwhile alarm arises.
- Blockage in nozzle/tube avoided as well as mistint and malfunction.



Recirculation

- The dispenser would recirculate the colorants in line with the fixed time span to avoid sedimentation/dryness in tube.



Circulated Water Humidifying System

- Water circulation system and humidifying device would seal the nozzle and keep the moisture.
- Rotary nozzle, easy to clean.

4+1 Accuracy Innovation

- Simultaneous dispensing of 4 canisters + 1 base paint. 20% base paint prefilled, then fill 80% base paint and colorant simultaneously.
- Accuracy Innovation 1: SPECT (sample paint empty can tinting) for workshops. Better production efficiency; lower filling cost; less stock.
- Accuracy Innovation 2: new formula for lab. 200ml SPECT.
- Accuracy Innovation 3: 200ml SPECT and fast delivery in flagship stores.



High Accuracy
High Efficiency
SPECT

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